

NNNN

ZCZC WBC297
URNT11 KMIA 261625
AF967 01XX INVEST OB 01 KMIA
97779 16144 20283 90019 55600 31021 59613 /4590 DEPT KBIX 26/1530Z
ETA 22.0N 90.0W 26/1750Z

ZCZC WBC299
URNT11 KMIA 261625 COR
AF964 01XX INVEST OB 01 COR KMIA
97779 16144 20283 90019 55600 31021 59613 /4590 DEPT KBIX 26/1530Z
ETA 22.0N 90.0W 26/1750Z

NNNN

ZCZC WBC300
URNT11 KMIA 261656
AF964 01XX INVEST OB 02 KMIA
97779 16454 21263 90119 55800 03016 58583 /4591
95559 16304 20271 90019 55500 06015 58588 /4591

NNNN

ZCZC WBC307
URNT11 KMIA 261727
AF964 01XX INVEST OB 03 KMIA
97779 17154 20243 89310 03500 10019 24243 /0017 40915 93265
95559 17004 20242 90019 55800 15010 57573 /4590

ZCZC WBC310
URNT11 KMIA 261755
AF964 01XX INVEST OB 04 KMIA
97779 19454 20235 88110 03800 09009 25253 /0017 41010 93265
95559 17304 20241 88710 03800 11010 24243 /0018 41010 93265

ZCZC WBC311
URNT11 KMIA 261755 COR
AF964 01XX INVEST OB 04 COR KMIA
97779 17454 20235 88110 03800 09009 25253 /0017 41010 93265
95559 17304 20241 88710 03800 11010 24243 /0018 41010 93265

ZCZC WBC312

URNT11 KMIA 261812

AF964 01XX INVEST OB 05 KMIA

97779 18054 20230 88810 03800 12012 25253 /0016 41110 93265
95559 17524 20230 88010 03900 09015 25253 /0017 41110 93265

NNNN

ZCZC WBC339

URNT11 KMIA 262206

AF964 01XX INVEST OB 10 KMIA

97779 20354 21225 94300 03900 15008 25222 /0014 49905 93270
95559 20204 21221 94910 03800 99005 25242 /0014 40510 93275

NNNN

ZCZC WBC340

URNT11 KMIA 262208

AF964 01XX INVEST OB 11 KMIA

97779 21054 21242 93810 03900 04005 25252 /0014 40310 93275
95559 20504 21234 93910 04100 03008 24242 /0014 40510 93270

ZCZC WBC341

URNT11 KMIA 262210

AF964 01XX INVEST OB 12 KMIA

97779 21354 21256 92910 04000 10012 23232 /0014 40710 93270
95559 21204 21248 93110 04000 03010 24232 /0014 40310 93270

ZCZC WBC342

URNT11 KMIA 262212

AF964 01XX INVEST OB 13 KMIA

97779 21554 21256 92310 04000 11020 22222 /0015 41415 93270
95559 21454 21257 92410 04000 11009 23222 /0015 41215 93270

NNNN

ZCZC WBC345

URNT11 KMIA 262233

AF972 01XX INVEST OB 06 KMIA

97779 20454 20135 59400 04211 18014 25191 /0013 41115 93255
95559 20334 20140 59000 04111 13025 25191 /0012 41210 93255

ZCZC WBC346

URNT11 KMIA 262251

AF972 01XX INVEST OB 07 KMIA

97779 21154 20142 60100 04511 16040 24191 /0012 40910 93260

95559 20564 20130 60000 04111 24015 26191 /0012 41110 93255;

ZCZC WBC347

URNT11 KMIA 262253

AF972 01XX INVEST OB 08 KMIA

97779 21394 20160 59900 044// // 24193 /0013 41110 93255

95559 21304 20155 59900 045// // 24181 /0012 49905 93255;

NNNN

ZCZC WBC350

URNT11 KMIA 262253 COR

AF972 01XX INVEST OB 08 COR KMIA

97779 21394 20160 59900 044// // 24193 /0013 41110 93255

95559 21304 20155 59900 045// // 24181 /0012 49905 93255

NOTE FL WINDS ON PREVIOUS OBSERVATIONS ARE OMEGA AVERAGE WINDS

ETA MKPA 262210Z;

ZCZC WBC351

URNT11 KMIA 262320

AF964 01XX INVEST OB 14 KMIA

97779 22304 21240 94110 04100 03030 24232 /0015 40320 93275

95559 22154 21247 93310 04100 06022 24242 /0014 41015 93270;

ZCZC WBC352

URNT11 KMIA 262326

AF964 01XX INVEST OB 15 KMIA

97779 23004 21225 95510 04100 03011 25238 /0015 40310 93275

95559 22454 21238 94710 04100 04015 24242 /0014 40310 93275;

ZCZC WBC358

URNT11 KMIA 262359

AF972 01XX INVEST OB 10 KMIA

97779 23454 20190 6140/ 04000 10031 2518/ /0014

95559 23374 20190 6100/ 04100 12014 2418/ /0015;

ZCZC WBC357

URNT11 KMIA 262357

AF972 01XX INVEST OB 09 KMIA

97779 23154 20182 6150/ 04300 09017 2318/ /0014

DEPT MKPA AT 262250Z ETA 19.0W 61.0W AT 262330Z

ZCZC WBC360

URNT11 KMIA 270010

AF964 01XX INVEST OB 16 KMIA

97779 23234 21210 96010 04200 99005 23232 /0014 49905 93270

95559 23154 21216 95810 04200 99005 23232 /0014 49905 93270

NNNN

ZCZC WBC365

URNT11 KMIA 270032

AF964 01XX INVEST OB 17 KMIA

97779 00154 31235 93918 57700 28009 58582 /4586

NNNN

ZCZC WBC382

URNT11 KMIA 270107

AF972 01XX INVEST OB 12 KMIA

97779 00454 30190 6500/ 04100 08029 2520/ /0015

95559 00304 30190 6410/ 04100 08036 2520/ /0014

ZCZC WBC381

URNT11 KMIA 270104

AF972 01XX INVEST OB 11 KMIA

97779 00154 30190 6230/ 04000 09021 2519/ /0014

95559 00004 30191 6230/ 04000 10046 2318/ /0015

NNNN

ZCZC WBC383

URNT11 KMIA 270111

AF964 01XX INVEST OB 18 KMIA

97779 01004 31267 92410 58000 35015 58732 /4587

NNNN

ZCZC WBC388

URNT11 KMIA 270123

AF972 01XX INVEST OB 13 KMIA

97779 01154 30183 6500/ 14900 06019 1812/ /2539

95559 01004 30190 6510/ 04200 06014 2520/ /0015

ZCZC WBC391

URNT11 KMIA 270141

AF964 01XX INVEST OB 19 KMIA

97779 01224 31283 9100/ 58000 33019 6071/ /4587

LAST REPORT OBS 0119 TO KMIA ETA KBIX AT 270200Z

ZCZC WBC394

URNT11 KMIA 270228

AF972 01XX INVEST OB 14 KMIA

97779 01424 30170 6471/ 04000 06025 2519/ /0014

95559 01304 30175 6491/ 14900 06021 1810/ /2539

ZCZC WBC396

URNT11 KMIA 270230

AF972 01XX INVEST OB 15 KMIA

97779 02154 30170 6350/ 04200 13014 2419/ /0014

95559 02004 30169 6420/ 04000 17010 2419/ /0015

ZCZC WBC398

URNT11 KMIA 270254

AF972 01XX INVEST OB 16 KMIA

97779 02454 30167 6430/ 04200 11020 2516/ /0014

95559 02304 30169 6350/ 04100 12022 2415/ /0014

NNNN

ZCZC WBC400

URNT11 KMIA 270345

AF972 01XX INVEST OB 17 KMIA

97779 03154 30161 6570/ 04100 09021 2519/ /0014

95559 03004 30165 6510/ 04000 10017 2519/ /0014

M
Aug

ZCZC WBC405

URNT11 KMIA 270404

AF972 01XX INVEST OB 18 KMIA

97779 03454 30163 6591/ 04200 12011 2520/ /0014
95559 03364 30161 6630/ 04200 99005 2520/ /0014

ZCZC WBC406

URNT11 KMIA 270438

AF972 01XX INVEST OB 19 KMIA

97779 04154 30176 6570/ 18200 12015 1606/ /2522
95559 04004 30169 6550/ 04200 11021 2419/ /0013

ZCZC WBC412

URNT11 KMIA 270451 COR

AF972 01XX INVEST OB 20 COR KMIA

97779 04454 30187 6621/ 04100 08028 2319/ /0014
95559 04354 30186 6631/ 18200 08031 1605/ /2531

ZCZC WBC413

URNT11 KMIA 270533

AF972 01XX INVEST OB 21 KMIA

97779 05204 30178 6480/ 70600 04014 6565/ /5758
95559 05004 30187 6551/ 04200 13012 2318/ /0014

ZCZC WBC416

URNT11 KMIA 270606

AF972 01XX INVEST OB 22 KMIA

97779 06004 30160 6251/ 70700 07012 6666/ /5757
LAST REPORT OBS 01 THRU 22 TO KMIA, ETA MKPB 27/0655Z

NNNN

ZCZC WBC424

URNT11 KMIA 270845

AF977 02XX INVEST OB 01 KMIA

97779 08304 30268 7910/ 55700 16012 5759/ /4592
DEP KBIX 27/0606Z ETA 19.5N 67.5W AT 27/1100Z

NNNN

ZCZC WBC430

URNT11 KMIA 270955 COR

AF977 02XX INVEST OB 02 COR KMIA

97779 09404 30246 7530/ 55800 14012 5772/ /4594

95559 08454 30266 7830/ 55800 18030 5860/ /4593

95559 09004 30260 7730/ 55900 15035 5865/ /4593

95559 09154 30254 7630/ 55900 15026 5769/ /4594

ZCZC WBC435

URNT11 KMIA 271045

AF977 02XX INVEST OB 03 KMIA

97779 10304 30219 71500 55900 10033 54//1 /4593

95559 09504 30241 7430/ 55800 14020 56/// /4594

95559 10004 30234 73200 55800 12026 55//1 /4594

95559 10154 30226 72400 55800 11023 54//1 /4594

ZCZC WBC446

URNT11 KMIA 271224

AF977 02XX INVEST OB 06 KMIA

97779 12154 30192 67710 03300 11023 24222 /0017 41110 93260

95559 12004 30195 67818 03700 14010 23228 /0017 41210 93255

NNNN

ZCZC WBC463

URNT11 KMIA 271252

AF977 02XX INVEST OB 07 KMIA

97779 12454 30178 68208 03400 12011 24232 /0016 41210 93260

95559 12304 30183 68108 03300 08009 24238 /0016 49905 93250

NNNN

ZCZC WBC469

URNT11 KMIA 271321

AF977 02XX INVEST OB 08 KMIA

97779 13154 30176 69800 03300 21005 23203 /0017 41210 93255

95559 13004 30175 69100 03400 19012 24203 /0016 49905 93260

NNNN

ZCZC WBC472

URNT11 KMIA 271350

AF977 02XX INVEST OB 09 KMIA

97779 13454 30170 71000 03400 04024 24228 /0016 40510 93255

95559 13304 30177 70510 03300 08022 24223 /0017 40510 93255

ZCZC WBC473

URNT11 KMIA 271420

AF977 02XX INVEST OB 10 KMIA

97779 14154 30168 71700 03300 07012 24223 /0017 40515 93255

95559 14004 30169 71900 03300 06021 25183 /0016 40515 93255

ZCZC WBC474

URNT11 KMIA 271454

AF977 02XX INVEST OB 11 KMIA

97779 14454 30164 70300 03400 99005 24233 /0016 40405 93255

95559 14304 30166 71018 03400 01019 24238 /0016 40510 93255

ZCZC WBC476

URNT11 KMIA 271520

AF977 02XX INVEST OB 12 KMIA

97779 15154 30160 70800 03400 08018 25233 /0016 49905 93255

95559 15004 30160 70000 03400 16011 25233 /0016 49905 93255

NNNN

ZCZC WBC477

URNT11 KMIA 271555

AF977 02XX INVEST OB 13 KMIA

97779 15454 30153 72000 03500 04014 25223 /0016 40415 93255

95559 15304 30160 71800 03400 07022 24213 /0017 40415 93255

NNNN

ZCZC WBC479

URNT11 KMIA 271620

AF977 02XX INVEST OB 14 KMIA

97779 16154 30150 70800 03600 99005 25242 /0016 49905 93260

95559 16004 30150 71600 03500 35011 25243 /0016 49905 93260

ZCZC WBC480

URNT11 KNIA 271650

AF977 02XX INVEST OB 15 KNIA

97779 16454 30152 69300 03500 19011 25242 /0016 40410 93255

95559 16304 30149 70000 03800 17014 24242 /0016 49905 93255;

ZCZC WBC484

URNT11 KNIA 271722

AF977 02XX INVEST OB 16 KNIA

97779 17154 30158 67900 03600 15013 25242 /0016 41210 93260

95559 17004 30155 68600 03500 13011 25242 /0016 41110 93260;

ZCZC WBC486

URNT11 KNIA 271750

AF977 02XX INVEST OB 17 KNIA

97779 17154 30163 66200 58000 12017 58821 /0591

95559 17304 30160 67000 58000 17014 59692 /0588;

ZCZC WBC490

URNT11 KNIA 271826

AF977 02XX INVEST OB 18 KNIA

97779 18154 30171 63900 58100 13022 58791 /0589

95559 18004 30167 65000 58000 14021 58841 /0589 LAST REPORT OB

0118 TO KNIA ETA MKPA 27/1855Z;

ZCZC WBC505

URNT11 KNIA 272215

AF967 03XX INVEST OB 01 KNIA

97779 21274 30172 62700 02600 06021 25231 /0017 11100 62535 40720

93260 DEPT MKPA AT 272123 ETA 20.0N 73.3W AT 280010Z;

ZCZC WBC506

URNT11 KNIA 272225

AF967 03XX INVEST OB 02 KNIA

97779 22194 30179 65500 55700 12031 58809 /4592 13121 91575 82058

27575;

ZCZC WBC512

URNT11 KMIA 272307

AF967 03XX INVEST OB 03 KMIA

97779 22454 30192 67500 55900 13032 58/71 /4591

95559 22304 30185 66500 55700 14026 59811 /4591;

ZCZC WBC514

URNT11 KMIA 272344

AF967 03XX INVEST OB 04 KMIA

97779 23304 30205 70710 04100 11036 22193 /0015 41225 93260

95559 23154 30206 69810 03600 12040 23182 /0016 41520 93270;

ZCZC WBC520

URNT11 KMIA 280022

AF967 03XX INVEST OB 05 KMIA

97779 00004 40203 70610 03100 11023 22202 /0013 41525 93260

95559 23454 30203 71510 02900 15022 22192 /0013 41215 93265;

ZCZC WBC542

URNT11 KMIA 280022 COR

AF967 03XX INVEST OB 05 COR KMIA

97779 00004 40203 71610 03100 11023 22202 /0013 41525 93260

95559 23454 30203 71510 02900 15022 22192 /0013 41215 93265;

0158

URNT11 KMIA 280100

AF967 03XX INVEST OB 06 KMIA

97779 00304 40204 73410 02900 06025 24223 /0011 93270

95559 00154 40204 72610 02900 13012 23202 /0011 41315 93260;

NNNN

0200 QUB = 00.0 MINS

ZCZC WBC552

URNT11 KMIA 280122

AF967 0305 CYCLONE OB 07 KMIA

97779 01004 40204 72910 03900 22016 2218/ /0012 93260

95559 00454 40206 73610 03000 03017 2322/ /0012 93260

OBS 0106 TRANSMITTED AS AF967 03XX INVEST;

NNNN

ZCZC WBC559

URNT11 KMIA 280147

AF967 0305 CYCLONE OB 08 KMIA

97779 01304 40213 71710 03100 13035 23192 /0015 41430 93265

/ 95559 01154 40207 72110 03200 14029 22202 /0015 41225 93270

SFC WND AT 21.0W 72.0W 13045;

ZCZC WBC560

URNT11 KMIA 280221

AF967 0305 CYCLONE OB 09 KMIA

97779 02004 40217 73510 03200 09048 24212 /0013 40835 93270

95559 01454 40217 72510 03200 11047 23212 /0014 41140 93270;

NNNN

ZCZC WBC563

URNT11 KMIA 280253

AF967 0305 CYCLONE OB 10 KMIA

97779 02304 40207 73410 03200 16012 22193 /0012 93265

95559 02154 40211 74010 03200 05042 24203 /0012 93270;

ZCZC WBC570

URNT11 KMIA 280253

AF967 0305 CYCLONE OB 10 KMIA

97779 02304 40207 73410 03200 16012 22193 /0012 93265

95559 02154 40211 74010 03200 05042 24203 /0012 93270;

ZCZC WBC565

URNT11 KMIA 280310

AF967 0305 CYCLONE OB 11 KMIA

97779 03004 40203 72600 03300 14026 23192 /0015 93265

95559 02454 40204 72700 03300 13011 22192 /0015 93265;

ZCZC WBC571

URNT11 KMIA 280310

AF967 0305 CYCLONE OB 11 KMIA

97779 03004 40203 72600 03300 14026 23192 /0015 93265

95559 02454 40204 72700 03300 13011 22192 /0015 93265;

NNNN

ZCZC WBC569

URNT11 KMIA 280351

AF967 0305 CYCLONE OB 12 KMIA

97779 03304 40213 74310 03300 09046 23203 /0012 93260

95559 03154 40208 73710 03200 15032 22213 /0013 93260

w

ZCZC WBC572

URNT11 KMIA 280430

AF967 0305 CYCLONE OB 13 KMIA

97779 04004 40225 75310 03400 08039 2421/ /0015 93270

95559 03454 40220 75010 03300 08038 2420/ /0013 93270

ZCZC WBC579

URNT11 KMIA 280455

AF967 0305 CYCLONE OB 14 KMIA

97779 04304 40223 75310 04000 07034 2321/ /0013 93270

95559 04154 40229 75810 03400 05026 2422/ /0015 93270

NNNN

ZCZC WBC581

URNT11 KMIA 280528

AF967 0305 CYCLONE OB 15 KMIA

97779 05154 40232 75900 04100 10035 2421/ /0015 93270

95559 05004 40225 75610 04000 07039 2321/ /0014 93275

NNNN

ZCZC WBC587

URNT11 KMIA 280628

AF967 0305 CYCLONE OB 17 KMIA

97779 06154 40223 75010 04200 11034 2219/ /0013 93270

95559 06004 40227 75610 04100 08034 2319/ /0013 93275

ZCZC WBC583

URNT11 KMIA 280600

AF967 0305 CYCLONE OB 16 KMIA

97779 05454 40232 76010 04100 05045 2420/ /0014 93270

95559 05304 40240 76010 04000 06040 2422/ /0016 93255

ZCZC WBC590

URNT11 KMIA 280728

AF967 0305 CYCLONE OB 18 KMIA

97779 07174 40211 71200 88300 18018 8089/ /6969

95559 06234 40222 74710 04200 14031 2219/ /0013

NNNN

ZCZC WBC592

URNT11 KMIA 280800

AF967 0305 CYCLONE OB 19 KMIA

97779 07504 40200 68800 88600 31021 8291/ /6967 DSNT LTNG SE

NNNN

ZCZC WBC593

URNT11 KMIA 280828

AF967 0305 CYCLONE OB 20 KMIA

92229 08134 40192 66600 88700 25015 8288/ /6966

NNNN

ZCZC WBC599

URNT11 KMIA 280900 COR

AF967 0305 CYCLONE OB 21 COR KMIA

92229 08424 40181 64200 88900 26020 8286/ /6965

LAST REPORT OBS 01 THRU 21 TO KMIA, ETA MKPA 28/0920Z

NNNN

ZCZC WBC597

URNT11 KMIA 280915

AF969 0405 CYCLONE OB 01 KMIA

97779 08304 40293 8710/ 58700 35009 5964/ /4587

DEP KBIX AT 28/0758Z, ETA 23.0N 79.0W AT 28/1130Z

NNNN

ZCZC WBC598

URNT11 KMIA 280919

AF969 0405 CYCLONE OB 02 KMIA

97779 09004 40283 8490/ 58400 33010 5861/ /4590

95559 08454 40287 8630/ 58400 24013 5871/ /4590

ZCZC WBC602

UZNT13 KMIA 280955

AF969 0405 CYCLONE OB 03 KMIA

XXAA 2809/ 99283 70849 08184 99017 27007 00149 25402 85563 16608

70196 07801 50590 07112 88999 77999

XXBB 2809/ 99283 70849 08184 00017 27007 11992 25200 22793 12802

33509 06503 44483 08130

ZCZC WBC603

URNT11 KMIA 280959

AF969 0405 CYCLONE OB 04 KMIA

97779 09304 40273 8260/ 58600 17018 5779/ /4590

95559 09154 40277 8370/ 58000 25017 5860/ /4590

ZCZC WBC606

URNT11 KMIA 281051

AF969 0405 CYCLONE OB 05 KMIA

97779 10304 40240 8030/ 03800 01028 2622/ /0015

95559 10104 40255 8010/ 58600 10028 5868/ /4591

NNNN

ZCZC WBC648

URNT11 KMIA 281115

AF969 0405 CYCLONE OB 06 KMIA

97779 11004 40235 78800 02900 05020 26212 /0012 40430 93280

95559 10454 40237 79600 03800 03021 25212 /0014 40525 93275

ZCZC WBC612

URNT11 KMIA 281150

AF969 0405 CYCLONE OB 07 KMIA

97779 11304 40231 77500 03600 10026 25222 /0012 41040 93275

95559 11154 40233 78100 03800 08030 25212 /0013 40935 93275

ZCZC WBC615

URNT11 KMIA 281215

AF969 0405 CYCLONE OB 08 KMIA

97779 12004 40224 76500 03800 11031 24202 /0014 41535 93270

95559 11454 40227 77100 03800 13034 24202 //12 41040 93275

ZCZC WBC640

URNT11 KMIA 281215 COR

AF969 0405 CYCLONE OB 08 COR KMIA

97779 12004 40224 76500 03800 11031 24202 /0014 41535 93270

95559 11454 40227 77100 03800 13034 24202 /0012 41040 93275

ZCZC WBC638

URNT11 KMIA 281259

AF96904055 CYCLONE OB 09 KMIA

97779 12304 40225 76900 03900 14042 24202 /0013 41635 93270

95559 12154 40221 76000 03700 13025 24202 /0015 41730 93275

ZCZC WBC642

URNT11 KMIA 281259 COR

AF969 0405 CYCLONE OB 09 COR KMIA

97779 12304 40225 76900 03900 14042 24202 /0013 41635 93270

95559 12154 40221 76000 03700 13025 24202 /0015 41730 93275

ZCZC WBC643

URNT11 KMIA 281212

AF969 0405 CYCLONE OB 10 KMIA

97779 13004 40234 78700 03800 10032 24212 /0013 40835 93280

95559 12454 40229 77800 03900 13051 24202 /0012 41350 93280

ZCZC WBC645

URNT11 KMIA 281312 COR

AF96904055 PRPT CYLONE OB 10 COR KMIA

97779 13004 40234 78700 03800 10032 24212 /0013 40835 93280

95559 12454 40229 77800 03900 13051 24202 /0012 41350 93280

ZCZC WBC647

URNT11 KMIA 281341

AF969 0405 CYCLONE OB 11 KMIA

97779 13304 40239 80600 03700 07034 26212 /0016 40420 93275

95559 13154 40239 79700 03900 08031 25212 /0015 40415 93270

NNNN

ZCZC WBC649

URNT11 KNIA 281410

AF969 0405 CYCLONE OB 12 KNIA

97779 14004 40240 80800 04000 01014 26212 /0015 40715 93280

95559 13464 40239 81400 04000 04024 25212 /0016 40320 93280

ZCZC WBC651

URNT11 KNIA 281448

AF969 0405 CYCLONE OB 13 KNIA

97779 14304 40236 79200 04100 09025 25202 /0013 40830 93275

95559 14154 40240 80000 03900 03027 24212 /0014 40725 93275

ZCZC WBC653

URNT11 KNIA 281519

AF969 0405 CYCLONE OB 14 KNIA

97779 15004 40230 77900 04000 15026 23202 /0014 41835 93275

95559 14454 40234 78600 04000 10030 25202 /0013 41240 93275

ZCZC WBC654

URNT11 KNIA 281528

AF972 0505 CYCLONE OB 01 KNIA

97779 15004 40176 64400 54900 10007 58751 /4593

DPTD MKPA 281420Z ETA 24N 81W 281910Z

NNNN

ZCZC WBC663

URNT11 KNIA 281539

AF972 0505 CYCLONE OB 02 KNIA

97779 15304 40187 66800 54700 09010 58732 /4593

95559 15154 40182 65800 54800 12013 58762 /9///

ZCZC WBC658

URNT11 KNIA 281622

AF969 0405 CYCLONE OB 15 KNIA

97779 15304 40237 79300 04000 12042 24202 /0013 40725 93275

95559 15154 40232 78300 04000 14052 24192 /0014 41440 93275

ZCZC WBC659

URNT11 KMIA 281623

AF969 0405 CYCLONE OB 16 KMIA

97779 16004 40251 80510 38600 09026 04002 /8002

95559 15454 40242 80118 04200 11023 24208 /0015 40830 93280

NNNN

ZCZC WBC660

URNT11 KMIA 281630

AF972 0505 CYCLONE OB 03 KMIA

97779 16004 40203 69200 54700 08017 57642 /4593

95559 15454 40193 67900 54600 08021 57771 /4593

ZCZC WBC661

URNT11 KMIA 281637

AF972 0505 CYCLONE OB 04 KMIA

97779 16304 40215 71300 54700 10013 58611 /4593

95559 16154 40210 70400 54700 09020 58631 /4593

ZCZC WBC664

URNT11 KMIA 281657

NDAA3 0605 CYCLONE OB 01 KMIA

97779 16134 40252 80618 15000 09031 18152 /2139

DPTD KMIA 28/1559Z ETA 24N 81W 281625Z

ZCZC WBC668

URNT11 KMIA 281723

NDAA3 0605 CYCLONE OB 02 KMIA

97779 16434 40235 80918 04200 05033 25222 /0012 40720 92309

ZCZC WBC677

URNT11 KMIA 281723 COR

NDAA3 0605 CYCLONE OB 02 COR KMIA

97779 16434 40235 80918 04200 05033 25222 /0012 40720 92309

ZCZC WBC669

URNT11 KMIA 281728

AF972 0505 CYCLONE OB 05 KMIA

97779 17154 40228 75200 15000 15020 18131 /2571

95559 17004 40222 74100 15000 14026 19121 /2577;

ZCZC WBC672

URNT11 KMIA 281757

AF972 0505 CYCLONE OB 06 KMIA

97779 17454 40238 77318 14700 13033 17168 /2557 41125

95559 17304 40232 76200 15000 16028 18131 /2565 41220;

ZCZC WBC675

URNT11 KMIA 281822

NORR3 0605 CYCLONE OB 02 KMIA

97779 16434 40235 80918 04200 05033 25222 /0012 40720 92309

95559 17214 40233 83310 04100 03014 26220 /0013 40310 92313;

ZCZC WBC678

URNT11 KMIA 281822

NORR3 0605 CYCLONE OB 03 KMIA

97779 17214 40233 83310 04100 03014 26220 /0013 40310 92313;

ZCZC WBC676

URNT11 KMIA 281826

AF977 0505 CYCLONE OB 07 KMIA

97779 18154 40243 79000 15200 15047 17152 /2543 41120

95559 18004 40245 78308 15200 14037 16168 /2552 41120

OBS 0106 TRANSMITTED AS AF972 0505 CYCLONE;

NNNN

ZCZC WBC683

URNT11 KMIA 281843

NORR3 0605 CYCLONE OB 04 KMIA

97779 17524 40222 85108 04100 05014 26213 /0013 40405 92310;

ZCZC WBC682

URNT11 KMIA 281904

AF977 0505 CYCLONE OB 08 KMIA

97779 18454 40241 81100 15000 09024 19158 /2525 40620
95559 18304 40241 80000 15200 13038 18142 /2524 41330

ZCZC WBC685

URNT11 KMIA 281907

NOAA3 0605 CYCLONE OB 05 KMIA

97779 18224 40213 83800 04400 03012 26224 /0012 40310 92311

ZCZC WBC686

URNT11 KMIA 281922

AF977 0505 CYCLONE OB 09 KMIA

97779 19154 40247 83000 15200 08033 19132 /2539 40410
95559 19004 40243 82100 15200 05020 18153 /2530 40615

ZCZC WBC689

URNT11 KMIA 281947

NOAA3 0605 ELENA OB 06 KMIA

97779 18524 40211 81808 04400 33009 25204 /0010 40000 92312
DBS 0105 TRANSMITTED AS NOAA3 0605 CYCLONE

ZCZC WBC693

URNT11 KMIA 282020

AF977 0505 CYCLONE OB 10 KMIA

97779 20004 40275 84800 54800 26007 54//2 /4593
95559 19454 40264 84100 54900 07012 55//1 /4593

ZCZC WBC694

URNT11 KMIA 282030

NOAA3 0605 ELENA OB 07 KMIA

97779 19204 40211 80018 04400 17015 23214 /0011 41515 92310

ZCZC WBC695

URNT11 KMIA 282037

NOAA3 0605 ELENA OB 08 KMIA

97779 19514 40200 78510 04400 14009 25213 /0013 40000 92305

ZCZC WBC697

URNT11 KMIA 282039

RF977 0505 CYCLONE OB 11 KMIA

97779 20304 40285 87200 54700 23017 55691 /4593

95559 20154 40282 86000 54700 23012 55642 /4593

LAST REPORT OBS 0111 TO KMIA ETA KBIX AT 282115Z;

ZCZC WBC700

URNT11 KMIA 282119

NOAA3 0605 ELENA OB 09 KMIA

97779 20234 40211 80049 04300 21014 23213 /0011;

ZCZC WBC701

URNT11 KMIA 282119 COR

NOAA3 0605 ELENA OB 09 COR KMIA

97779 20234 40211 80049 04300 21014 23213 /0011 41815 92289;

ZCZC WBC702

URNT11 KMIA 282137

NOAA3 0605 ELENA OB 10 KMIA

97779 20584 40211 82108 04500 30005 25213 /0010 42405 92313;

ZCZC WBC708

URNT11 KMIA 282202

NOAA3 0605 ELENA OB 11 KMIA

97779 21214 40209 83708 04500 36010 26213 /0010 40000 92309;

ZCZC WBC712

URNT11 KMIA 282218

NOAA3 0605 ELENA OB 12 KMIA

97779 21544 40210 82218 04500 25007 25239 /0009 42505 92314;

ZCZC WBC715

URNT11 KMIA 282258

NOAA3 0605 ELENA OB 13 KMIAC

97779 22234 40210 81819 04400 22017 25223 /0009 42015 92312;

ZCZC WBC719

URNT11 KMIA 282322

NDARR3 0605 ELENA OB 14 KMIA

97779 22514 40209 83519 04600 01018 25188 /0011 43605 91292;

ZCZC WBC723

URNT11 KMIA 282351

NDARR3 0605 ELENA OB 15 KMIA

97779 23234 40216 85210 04400 36024 26223 /0011 40305 92312;

ZCZC MIA REPNT1

URNT11 KMIA 290051

NDARR3 0605 ELENA OB18

97779 00514 50247 8171/ 18400 12045 1710/ /2100

LAST REPORT OBS 1THRU 18 TO KMIAETA KMIA 29/0120Z

NNNN

NNNN

ZCZC WBC754

URNT11 KMIA 290057

NDARR3 0605 ELENA OB 17 KMIA

97779 00214 50235 8221/ 04700 06036 2323/ /0006;

ZCZC WBC753

URNT11 KMIA 290056

NDARR3 0605 ELENA OB 16 KMIA

97779 23534 40231 83818 04400 36020 26229 /0009 43610 91313
SWITCHED TO INE 2 AT 2339Z;

ZCZC WBC759

URNT11 KMIA 290140

AF980 0705 ELENA OB 01 KMIA

97779 01304 50287 87900 55800 09007 56641 /4592

DEPT KBIX AT 290100Z ETA 23.5N 82.0W AT 290330Z;

ZCZC WBC766

URNT11 KMIA 290236

AF980 0705 ELENA OB 02 KMIA

97779 02304 50251 85209 55800 06027 56573 /4590

95559 01454 50279 87000 55800 11014 56711 /4592

95559 02004 50271 86100 55800 12021 56779 /4591

95559 02154 50261 85800 55700 11021 55639 /4591

ZCZC WBC771

URNT11 KMIA 290311

AF980 0705 ELENA OB 03 KMIA

97779 03004 50242 8361/ 04400 07027 2423/ /0011 93285

95559 02454 50246 8420/ 04400 08027 2423/ /0013 93285

ZCZC WBC772

URNT11 KMIA 290351

AF980 0705 ELENA OB 04 KMIA

97779 03304 50237 8241/ 04400 15054 2222/ /0007

95559 03154 50239 8301/ 04500 08037 2322/ /0008 93280

ZCZC WBC773

URNT11 KMIA 290409

AF980 0705 ELENA OB 05 KMIA

97779 04004 50240 8101/ 04200 14037 2420/ /0015 93280

95559 03454 50240 8171/ 04300 13048 2322/ /0012 93280

ZCZC WBC774

URNT11 KMIA 290439

AF980 0705 ELENA OB 06 KMIA

97779 04304 50238 8261/ 04400 15044 2222/ /0007

95559 04154 50239 8170/ 04400 15043 2222/ /0013

NNNN

ZCZC WBC780

URNT11 KMIA 290510

AF980 0705 ELENA OB 07 KMIA

97779 05004 50235 8421/ 04400 01015 2423/ /0010 93285

95559 04454 50237 8341/ 04900 35017 2323/ /0006 93285

DATE	SCHEDULED FIX TIME	AIRCRAFT NUMBER	ARWO
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MARK OF HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

AF 980 0705 ELENA

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

OKB #09

A	29/0528	Z	DATE AND TIME OF FIX
B	23 DEG 57 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	83 DEG 15 MIN E (W)		LONGITUDE OF VORTEX FIX ¹
C	MB	M	MINIMUM HEIGHT AT STANDARD LEVEL
D		KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E		NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F		KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	DEG N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	1002 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	24 CI 454	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 CI 436	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	23 CI 28.5	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	POORLY DEFINED		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	23 DEG 57 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time *
	83 DEG 15 MIN E (W)		
	29/0528	Z	
O	134 / 1		FIX DETERMINE BY/FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 6	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY
Q	NEG RADAR PRESENTATION OF eye		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC784

URNT11 KMIA 290551

AF980 0705 ELENA OB 08 KMIA

97779 05154 50236 8351/ 04500 30011 2423/ /0007 93285;

ZCZC WBC790

URNT11 KMIA 290645

AF980 0705 ELENA OB 11 KMIA

97779 06404 50252 8251/ 04500 13048 2422/ /0011 93280;

NNNN

ZCZC WBC800

URNT11 KMIA 290846

AF980 0705 ELENA OB 15 KMIA

97779 08304 50254 8401/ 04700 09047 2222/ /0009

95559 08154 50246 8391/ 04400 11032 2528/ /0000 93280;

NNNN

ZCZC WBC801

URNT11 KMIA 290919

AF980 0705 ELENA OB 16 KMIA

97779 09004 50269 8391/ 04600 10035 2422/ /0013 93285

95559 08454 50261 8401/ 04700 12042 2322/ /0011 93285

LAST REPORT OBS 01 THRU 16 TO KMIA; ETA KWRB 29/1025Z;

ZCZC WBC822

URNT11 KMIA 291153

NOAA3 0805 ELENA OB 01 KMIA

97779 11154 50255 83048 04511 16060 23219 /0009

DPTD KMIA 29/1035Z ETA 25.2N 84.7W 29/1150Z;

ZCZC WBC824

URNT11 KMIA 291205

NOAA3 0805 ELENA OB 02 KMIA

97779 11454 50248 84819 04411 26024 25238 /0995 42120 91280;

DATE	SCHEDULED FIX TIME	AIRCRAFT NUMBER	ARWO
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MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER
AF 980 0705 ELLEN

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE
OB #12

A	<i>29/0740</i>	Z	DATE AND TIME OF FIX
B	<i>24</i> DEG <i>18</i> MIN <i>(N)</i> S		LATITUDE OF VORTEX FIX ¹
	<i>83</i> DEG <i>52</i> MIN <i>(W)</i>		LONGITUDE OF VORTEX FIX ¹
C	<i>N/A</i> MB	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>N/A</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>N/A</i> DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>100</i> DEG <i>44</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>360</i> DEG <i>65</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	<i>998 ext</i>	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	DEG	MIN N S	CONFIRMATION OF FIX: Coordinates and Time *
	DEG	MIN E W	
		Z	
O	/		FIX DETERMINE BY/FIX LEVEL FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	/	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY
Q			REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.
 1 CHECK SUM REQUIRED IN WESTPAC.
 2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

DATE	SCHEDULED FIX TIME	AIRCRAFT NUMBER	ARWO
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MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER
AF 980 0705 ELENA OB 14

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	29/0804	Z	DATE AND TIME OF FIX
B	24 DEG 23 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	83 DEG 56 MIN (E) W		LONGITUDE OF VORTEX FIX ¹
C	N/A MB	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	240 DEG 28	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	180 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	998 ext	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	24 C/ 436	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	25 C/ 448	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	24 C/ 29.0	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	Poorly Defined		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	NOT OBS		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM. CO8-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	24 DEG 23 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	83 DEG 56 MIN (E) W		
	29/0804	Z	
O	1345 1		FIX DETERMINE BY/FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY

Q **SPIRAL BAND FORMING WEST THROUGH SOUTH**

REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.
¹ CHECK SUM REQUIRED IN WESTPAC.
² ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

DATE SCHEDULED FIX TIME AIRCRAFT NUMBER ARWO

MANOP HEADING (PRECEDENCE IMMEDIATE) **URNT 12 KMIA 29/235**
 MISSION IDENTIFIER AND OBSERVATION NUMBER **NOAA 3 0805 ELENA 0804**

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	29/1207	Z	DATE AND TIME OF FIX
B	24 DEG 57 MIN N S		LATITUDE OF VORTEX FIX ¹
	84 DEG 58 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	N/A MB	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	50	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	340 DEG 20	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	360 DEG 58	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	340 DEG 15	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	994 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	24 C/ 545	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	26 C/ 542	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	26 C/ 24	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	Closed wall		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C 35		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	24 DEG 57 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	84 DEG 58 MIN E W		
	29/1207	Z	
O	1234/1		FIX DETERMINE BY/FIX LEVEL FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5/5	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY

Q REMARKS
60 KT WND 100 NM E CNTR
~~SLP EXTRAPOLATED FROM 1500 FT~~

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
 der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
 fixes.
 1 CHECK SUM REQUIRED IN WESTPAC.
 2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC MIA REPNT1

URNT11 KMIA 291231

NDRA3 0805 ELENA 0805

97779 12314 50249 86218 05300 36020 24213 /8503 43320 92315

NNNN

ZCZC MIA REPNT1

URNT11 KMIA 291304

NDRA3 0805 ELENA 0806

97779 13044 50247 85618 14700 33041 18173 /2465

NNNN

ZCZC MIA REPNT1

URNT11 KMIA 291330

NDRA3 0805 ELENA 0807

97779 13304 50257 84118 15600 14056 18153 /2490 41670 91280

NNNN

ZCZC MIA REPNT1

URNT11 KMIA 291405

NDRA3 0805 ELENA 0808

97779 14054 50265 85808 14600 09044 18173 /2500 41245

NNNN

ZCZC MIA REPNT1

URNT11 KMIA 291428

NDRA3 0805 ELENA 0809

97779 14284 50254 85319 15800 04005 20183 /2388

NNNN

453NN 83E

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	29/1428	Z	DATE AND TIME OF FIX
B	25 DEG 24 MIN ^(N) S		LATITUDE OF VORTEX FIX ¹
	85 DEG 20 MIN E ^(W)		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1389	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	60	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	340 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	071 DEG 53	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	340 DEG 15	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	995 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 C/1461	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 C/1512	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	19 C/28	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C35		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8- Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	25 DEG 24 MIN ^(N) S		CONFIRMATION OF FIX: Coordinates and Time
	85 DEG 20 MIN E ^(W)		
	29/1428	Z	
O	1234 8		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft, 8 - 850 mb, 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5/5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
SFC PRESS EXTRAPOLATED FROM 5000 FT			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft, immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.
1 CHECK SUM REQUIRED IN WESTPAC.
2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC MIA REPNT1
URNT11 KMIA 291500
NOAA3 0805 ELENA 0811
97779 15004 50244 84009 14500 20043 18133 /2527
NNNN

ZCZC MIA REPNT1
URNT11 KMIA 291529
NOAA3 0805 ELENA 0812
97779 15294 50254 85508 15400 23034 19193 /2410 42335 91280
NNNN

ZCZC WBC891
URNT11 KMIA 291705
NOAA3 0805 ELENA OB 13 KMIA
97779 16294 50247 86318 14600 27044 18173 /2489 43333 92275

ZCZC WBC892
URNT11 KMIA 291708
NOAA3 0805 ELENA OB 14 KMIA
97779 16294 50247 86318 14600 27044 18154 /2490 42838

NNNN

ZCZC WBC895
URNT11 KMIA 291734
NOAA3 0805 ELENA OB 15 KMIA
97779 17024 50267 85208 15000 14068 18164 /2491 91265

ZCZC MIA REPNT1
URNT11 KMIA 291758
NOAA3 0805 ELENA 0817
97779 17584 50257 85808 15900 24041 20174 /2393 92270
NNNN

ZCZC WBC898
URNT11 KMIA 291804
NOAA3 0805 ELENA OB 16 KMIA
97779 17304 50275 85908 14400 10049 19154 /2525 40940 92278

SCHEDULED FIX TIME

AIRCRAFT NUMBER

ARWO

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	29/1755	Z	DATE AND TIME OF FIX
B	25 DEG 57 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	85 DEG 51 MIN (E) W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1347	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	75	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	030 DEG 80	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	100 DEG 72	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	355 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	990	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	18 C / 1529	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 C / 1646	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	18 C / 28.6	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	OPEN SE		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C 30		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270; length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	25 DEG 57 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	85 DEG 51 MIN (E) W		
	29/1755	Z	
O	124 18		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
SFC PRESS EXT FROM 5000FT			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC925
URNT11 KMIA 292032
NOAA2 0905 OB 01 KMIA
97779 19264 50262 81148 38400 16030 03553 /8023
DEPT KMIA AT 291909Z ETA 26.5N 86.5W AT 292030Z;

ZCZC WBC924
URNT11 KMIA 292021
NOAA3 0805 ELENA OB 19 KMIA
97779 18554 50260 83809 64600 16042 66663 /8036
LAST REPORT OBS 0119 TO KMIA ETA KMIA 291945Z;

ZCZC WBC930
URNT11 KMIA 292043
NOAA2 0905 ELENA OB 02 KMIA
97779 19524 50262 83200 54900 16039 55613 /4589;

ZCZC WBC934
URNT11 KMIA 292058
NOAA2 0905 ELENA OB 03 KMIA
97779 20294 50262 86118 15100 17045 18188 /2388;

ZCZC WIA REPNT1
URNT11 KMIA 292124
NOAA2 0905 ELENA 0806
97779 21244 50258 87848 14800 32030 18173 /2483 43030 91260
NNNN

X 1

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA2 0905 ELENA #4

A	2047	Z	DATE AND TIME OF FIX
B	26 DEG 15 MIN N S		LATITUDE OF VORTEX FIX ¹
	86 DEG 30 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 ^{MB} 1300	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	75	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	100 DEG 50	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	165 DEG 72	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	100 DEG 50	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	18 C/ 1540	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 C/ 1664	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	18 C/ 26	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL EYE CHARACTER: Closed wall, poorly defined, open SW, etc.		
M	CIS EYE SHAPE/ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.		
N	26 DEG 15 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 30 MIN E W		
	2047	Z	
O	1234' 8		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft, 8 - 850 mb, 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 3	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		

987 MB EXT FROM 850 MB

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

- 1 CHECK SUM REQUIRED IN WESTPAC.
- 2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA 2 0905 ELENA #7

A	<i>29/2154</i>	Z	DATE AND TIME OF FIX
B	<i>26</i> DEG <i>21</i> MIN N S		LATITUDE OF VORTEX FIX ¹
	<i>86</i> DEG <i>34</i> MIN E W		LONGITUDE OF VORTEX FIX ¹
C	MB	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>090/70</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>360</i> DEG <i>22</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	DEG	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H		MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG	MIN N S	CONFIRMATION OF FIX: Coordinates and Time
	DEG	MIN E W	
		Z	
O	/		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	/	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS
<i>987MB EXT from 850mb</i>			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

¹ CHECK SUM REQUIRED IN WESTPAC.

² ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC944

URNT11 KMIA 292158

NOAA2 0905 ELENA DB 05 KMIA

97779 21024 50263 87618 15100 01033 18158 /2465 40235 92265

ZCZC WBC945

URNT11 KMIA 292210

NOAA2 0905 ELENA DB 06 KMIA

97779 21244 50258 87848 14800 32030 18173 /2483 43030 91260

NNNN

ZCZC WBC974

URNT11 KMIA 292210 COR

NOAA2 0905 ELENA DB 06 COR KMIA

97779 21244 50258 87848 14800 32030 18173 /2483 43430 91260

ZCZC WBC952

URNT11 KMIA 292343

NOAA2 0905 ELENA DB 07 KMIA

97779 21544 50261 86848 15700 30037 19183 /2381 43335 91260

ZCZC WBC953

URNT11 KMIA 292345

NOAA2 0905 ELENA DB 08 KMIA

97779 22274 50281 87018 14500 10052 17162 /2504 40830 93266

ZCZC WBC954

URNT11 KMIA 292346

NOAA2 0905 ELENA DB 09 KMIA

97779 22574 50265 86718 16200 06031 20193 /2323 40830 92268

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE NOAA 2 0905 ELENA # 12

A	30/0014	Z	DATE AND TIME OF FIX
B	26 DEG 35 MIN N S		LATITUDE OF VORTEX FIX ¹
	86 DEG 35 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1293/ ⁹⁰⁶	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	75	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	60 DEG 40	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	150 DEG 77	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	60 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 C/ 1500	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 C/ 1675	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	18 C/ 26	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	POORLY DEFINED EYE CHARACTER: Closed wall, poorly defined, open SW, etc.		
M	EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.		
N	26 DEG 35 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 35 MIN E W		
	30/0014	Z	
O	1234' 8		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	4 1 6	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS HUB CLD ONLY E SIDE OF EYE 985MB 985MB EXT FROM 5000' BROADER REGION OF HUY RAIN E OF CTR		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.
1 CHECK SUM REQUIRED IN WESTPAC.
2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC016
URNT11 KMIA 300228
NOAA2 0905 ELENA OB 16 KMIA
97779 01574 60280 87458 14800 08055 1717/ /2499;

ZCZC WBC023
URNT11 KMIA 300302
NOAA2 0905 ELENA OB 17 KMIA
97779 02244 60273 87748 15100 04041 1717/ /2450;

NNNN

ZCZC WBC035
URNT11 KMIA 300410
NOAA2 0905 ELENA OB 19 KMIA
97779 02564 60263 85848 14700 19060 17169 /2503;

ZCZC WBC036
URNT11 KMIA 300410 COR
NOAA2 0905 ELENA OB 19 COR KMIA
97779 02564 60263 85848 14700 19060 17169 /2503
LAST REPORT OBS 01 THRU 19 TO KMIA; ETA KMIA 30/0400Z;

NNNN

ZCZC WBC041
URNT11 KMIA 300525
NOAA3 1005 ELENA OB 01 KMIA
97779 04104 60260 8050/ 15000 15020 1912/ /2047
DEP KMIA 30/0400Z; ETA 27.0N 87.0W AT 30/0535Z;

ZCZC WBC042
URNT11 KMIA 300528
NOAA3 1005 ELENA OB 02 KMIA
97779 04544 60270 8370/ 14900 16043 1911/ /2554;

ZCZC WBC047
URNT11 KMIA 300610
NOAA3 1005 ELENA OB 03 KMIA
97779 05304 60271 8651/ 15300 18074 1818/ /2404;

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE NOAA2 0905 ELENA #18

A	30/0236	Z	DATE AND TIME OF FIX
B	26 DEG 58 MIN N S		LATITUDE OF VORTEX FIX ¹
	87 DEG 01 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1297	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E		NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	200 DEG 87	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	120 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 C/ 1510	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 C/ 1665	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	20 C/ 26	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	poorly defined		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	26 DEG 58 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	87 DEG 01 MIN E W		
	30/0236	Z	
O	134 18		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	6 14	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
<p>EST 985MB SLP EXT EXT FROM 5000'</p> <p>STRONG RAIN BAND E-S-E OF CTR</p>			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

CB #4

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA 3 1005 ELCNA

A	<i>30/0544</i>	Z	DATE AND TIME OF FIX
B	<i>27 DEG 17 MIN (N)</i>		LATITUDE OF VORTEX FIX ¹
	<i>87 DEG 08 MIN (E)</i>		LONGITUDE OF VORTEX FIX ¹
C	<i>850 MB 1260</i>	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>N/A</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>N/A</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>180 DEG 83</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>110 DEG 35</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	<i>980 ext</i>	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	<i>20 CI 1538</i>	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	<i>21 CI 1533</i>	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	<i>20 CI N/A</i>	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	<i>Poorly Define</i> EYE CHARACTER: Closed wall, poorly defined, open SW, etc.		
M	<i>N/A</i> EYE SHAPE/ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. <i>Examples: C8 -</i> Circular eye 8 miles in diameter. <i>E09 15.5 - Elliptical eye, major axis 090-270,</i> length of major axis 15NM, length of minor axis 5NM. <i>CO8-14 - Concentric eye, dia-</i> meter inner eye 8 NM, outer eye 14 NM.		
N	<i>27 DEG 17 MIN (N)</i>		CONFIRMATION OF FIX: Coordinates and Time
	<i>87 DEG 08 MIN (E)</i>		
	<i>30/0544</i>	Z	
O	<i>13458</i>		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	<i>3 3</i>	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	<div style="border: 1px solid black; padding: 5px;"> REMARKS <i>SEA LVL EXTRAP FROM 5,000 ft Sfc WIND estimated 110/70 KTS 35 NM from CNTR</i> </div>		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

- 1 CHECK SUM REQUIRED IN WESTPAC.
- 2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC051

URNT11 KMIA 300651

NOAA3 1005 ELENA OB 05 KMIA

97779 05554 60274 8790/ 15300 02053 1916/ /2405

ZCZC WBC054

URNT11 KMIA 300727

NOAA3 1005 ELENA OB 06 KMIA

97779 06304 60262 8791/ 15200 30037 1816/ /2471

ZCZC WBC055

URNT11 KMIA 300730

NOAA3 1005 ELENA OB 07 KMIA

97779 07004 60265 8731/ 15100 26055 1918/ /2425

ZCZC WBC070

URNT11 KMIA 300830

NOAA3 1005 ELENA OB 09 KMIA

97779 07594 60285 8831/ 15100 07050 2013/ /2467

NNNN

ZCZC WBC074

URNT11 KMIA 300910

NOAA3 1005 ELENA OB 11 KMIA

97779 08314 60271 8711/ 15100 22077 1918/ /2353

NNNN

ZCZC WBC082

URNT11 KMIA 301010

NOAA3 1005 ELENA OB 12 KMIA

97779 09284 60284 8521/ 15100 16044 1713/ /2522

ZCZC WBC085

URNT11 KMIA 301045

NOAA3 1005 ELENA OB 13 KMIA

97779 09564 60281 8651/ 15100 15086 1616/ /2436

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER
NOAA3 1005 PLONA

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE
OB#08

A	30/0715	Z	DATE AND TIME OF FIX
B	27 DEG 28 MIN N^S		LATITUDE OF VORTEX FIX ¹
	87 DEG 16 MIN E^W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1258	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	260 DEG 64	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	180 DEG 38	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	980	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	27 DEG 28 MIN N^S		CONFIRMATION OF FIX: Coordinates and Time
	87 DEG 16 MIN E^W		
	30/0715	Z	
O	/		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	/	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

¹ CHECK SUM REQUIRED IN WESTPAC.
² ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER **NOAA 3 1005 ELENA**

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE **OB #10**

A	30/0824	Z	DATE AND TIME OF FIX
B	27 DEG 35 MIN \odot S		LATITUDE OF VORTEX FIX ¹
	87 DEG 25 MIN \odot EW		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1260	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	075 DEG 64	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	310 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	980	'MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	21 C/ 1505	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	22 C/ 1505	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	19 C/ N/A	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	Poorly Defined		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	27 DEG 35 MIN \odot S		CONFIRMATION OF FIX: Coordinates and Time
	87 DEG 25 MIN \odot EW		
	30/0824	Z	
O	13458		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft, 8 - 850 mb, 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	510	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAP FROM 5000 FT SFC WIND EST FROM SFMR SOKTS at 310° 25 NM.		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.
1 CHECK SUM REQUIRED IN WESTPAC.
2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER **NOAA 3 1005 ELENA**

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE **03 14**

A	30/10/2	Z	DATE AND TIME OF FIX
B	27 DEG 40 MIN ^(S)		LATITUDE OF VORTEX FIX ¹
	87 DEG 26 MIN E ^(W)		LONGITUDE OF VORTEX FIX ¹
C	973 MB 1210	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	130 DEG 97	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	060 DEG 45	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	973	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP:PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP:PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP:SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5 NM. CO8-14-Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG	MIN N S	CONFIRMATION OF FIX: Coordinates and Time
	DEG	MIN E W	
		Z	
O	/		FIX DETERMINE BY: FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft, 8 - 850 mb, 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	/	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAPOLATED FROM 5000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

¹ CHECK SUM REQUIRED IN WESTPAC.
² ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

DATE: _____ SCHEDULED FIX TIME: _____ AIRCRAFT NUMBER: _____ ARWO: _____

MANOP HEADING (PRECEDENCE IMMEDIATE) **URNT 12 KMIA 30/1200**

MISSION IDENTIFIER AND OBSERVATION NUMBER **NOAA 3 1005 ELENA 08 16**

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	30/1119	Z	DATE AND TIME OF FIX
B	27 DEG 50 MIN N		LATITUDE OF VORTEX FIX ¹
	87 DEG 22 MIN E		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1212	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	130 130/89	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	045 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	974	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	22 C / 1490	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 C / 1490	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	19 C / N/A	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	Poorly Defined		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	27 DEG 50 MIN N		CONFIRMATION OF FIX: Coordinates and Time
	87 DEG 22 MIN E		
	30/1119	Z	
O	134 / 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	8 / 10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		

SLP XTPLD FM 5000 FT
SEA SFC WINDS (SFMR) 90 KT
045/30 FROM CNTR (SCANNING RADIOMETER)

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.
¹ CHECK SUM REQUIRED IN WESTPAC.
² ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC130

URNT11 KMIA 301122

NOAA3 1005 ELENA OB 15 KMIA

97779 10574 60264 8760/ 15000 25049 1815/ /2474

ZCZC WBC127

URNT11 KMIA 301356

NOAA3 1005 ELENA OB 17 KMIA

97779 12254 60275 8361/ 58100 17034 5966/ /4560

LAST RPT OBS 01 THRU 17 TO KMIA ETA KMIA 301310Z

ZCZC WBC143

URNT11 KMIA 301637

AF972 1105 ELENA OB 01 KMIA

97779 16264 60280 82818 30500 17037 09518 /3186 41830

DPTD KHST 30/1535Z ETA ELENA 301720Z

ZCZC WBC149

URNT11 KMIA 301732

AF972 1105 ELENA OB 02 KMIA

97779 16454 60282 84308 30200 18048 07008 /3163 41740

ZCZC WBC155

URNT11 KMIA 301857

AF972 1105 ELENA OB 05 KMIA

97779 18404 60281 89700 15300 36025 18121 /2505 43620

ZCZC WBC157

URNT11 KMIA 301918

AF972 1105 ELENA OB 06 KMIA

97779 19094 60272 88308 15400 31040 17148 /2474 42945

ZCZC WBC007

URNT11 KMIA 302138

AF972 1105 ELENA OB 09 KMIA

97779 21094 60290 87208 15400 05071 19138 /2413 40550

MANOP HEADING (PRECEDENCE IMMEDIATE) **URNT 12 KMIA 30 1755**
 MISSION IDENTIFIER AND OBSERVATION NUMBER **AF972 1105 ELENA OB 03**

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	30/1735Z	Z	DATE AND TIME OF FIX
B	28 DEG 04 MIN (N)		LATITUDE OF VORTEX FIX
	86 DEG 46 MIN (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1229 (973)		MINIMUM HEIGHT AT STANDARD LEVEL
D	105	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	090 DEG 45	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	180 DEG 72	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	090 DEG 15	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE, COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FE OF SEA SURFACE
I	16 C 1615	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 C 1615	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	15 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	NEG EYE		EYE CHARACTER (Closed wall, poorly defined, open SW, etc.)
M	N/A		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270; length of major axis 15NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 04 MIN (N)		CONFIRMATION OF FIX (Coordinates and Time)
	86 DEG 46 MIN (W)		
	1105 30/1735Z		
O	1347-2		FIX DETERMINE BY: FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS
**850 MB CNTR 10NM NE OF SFC CNTR
 NEG RADAR PRES TO W
 SPIRAL BAND E SIDE
 BRN SC IN CNTR**

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.
 CHECK SUM REQUIRED IN WESTPAC.
 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

AF 972 1105 ELENA #7

A	30/2030	Z	DATE AND TIME OF FIX
B	28 DEG 23 MIN N S		LATITUDE OF VORTEX FIX
	86 DEG 33 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1230	(979) M	MINIMUM HEIGHT AT STANDARD LEVEL
D	105	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	180 DEG 45	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	270 DEG 65	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	180 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 C 1548	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 C 1530	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	15 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	NEG EYE		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 23 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 33 MIN E W		
	2030	Z	
O	1345 08		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 6 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	SC FILLS CTR MOST CLD TOP 5000' ON S LEG WITH LAYER AC 120 GATH AND 65 ABU		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE AF 980 1105 ELENA # 10

A	30/2142	Z	DATE AND TIME OF FIX
B	28 DEG 23 MIN N S		LATITUDE OF VORTEX FIX ¹
	86 DEG 25 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1217	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	100	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	360 DEG 60	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	050 DEG 71	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	320 DEG 50	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H		MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e. 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 23 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 25 MIN E W		
	2142	Z	
O	1345108		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS

CORRECTION

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

DATE	SCHEDULED FIX TIME	AIRCRAFT NUMBER	ARWO
MANOP HEADING (PRECEDENCE IMMEDIATE)			
MISSION IDENTIFIER AND OBSERVATION NUMBER			
(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE AF 980 1105 ELENA #10			
A	30/2142	Z	DATE AND TIME OF FIX
B	28 DEG 23 MIN N S		LATITUDE OF VORTEX FIX ¹
	86 DEG 25 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1217 (978)	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	80	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	270 DEG 60	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	360 DEG 54	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H		MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WIND ON 1500-FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 23 MIN N S		CONFIRMATION OF FIX: Coordinates and Time *
	86 DEG 25 MIN E W		
	2142	Z	
O	1345 108		FIX DETERMINE BY/FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY
Q			REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE AF980 1102 ELENA #13

A	30/2301	Z	DATE AND TIME OF FIX
B	28 DEG 26 MIN N S		LATITUDE OF VORTEX FIX ¹
	86 DEG 16 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1217	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	105	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	360 DEG 45	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	060 DEG 58	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 15	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	3	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 C 1515	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 C 1533	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	15 C N/A	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	NEAR EYE		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15, 5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5 NM. CO8-14-Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 26 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 16 MIN E W		
	30/2301	Z	
O	1345 08		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	NONE		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.
 CHECK SUM-REQUIRED IN WESTPAC.
 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC185

URNT11 KMIA 302339

AF972 1105 ELENA OB 12 KMIA

97779 22164 60292 85919 15400 13057 17158 /2398;

ZCZC WBC232

URNT11 KMIA 310143

NOAA3 1205 ELENA OB 01 KMIA

97779 00364 70267 8160/ 47300 20026 5360/ /8024;

ZCZC WBC238

URNT11 KMIA 310143 COR

NOAA3 1205 ELENA OB 01 COR KMIA

97779 00364 70267 8160/ 47300 20026 5360/ /8024
DEPT KMIA AT 310009Z ETA 28.5N 86.0W AT 310115Z;

ZCZC WBC234

URNT11 KMIA 310145

NOAA3 1205 ELENA OB 02 KMIA

97779 00594 70273 8340/ 48600 21042 5254/ /8023;

ZCZC WBC236

URNT11 KMIA 310153

NOAA3 1205 ELENA OB 03 KMIA

97779 01294 70282 85449 16500 22070 18188 /2297;

ZCZC WBC242

URNT11 KMIA 310232

NOAA3 1205 ELENA OB 05 KMIA

97779 02024 70299 85848 15000 10047 1815/ /2471;

ZCZC WBC251

URNT11 KMIA 310307

NOAA3 1205 ELENA OB 06 KMIA

97779 02314 70297 86918 14900 07048 1814/ /2474;

ZCZC WBC199
UZNT13 KMIA 310006
AF972 1105 ELENA OB 14 KMIA
XXAA 3023/ 99284 70863 08186 99977 25003 00703 // // 85222 20002
70891 14257 88999 77999
XXBB 3023/ 99284 70863 08186 00977 25003 11871 20002 22838 19800
33807 19807 44726 14203 55714 14408 66694 140617

ZCZC WBC969
URNT11 KMIA 300011
NDAA2 0905 ELENA OB 10 KMIA
97779 23254 50251 85648 14600 23054 16143 /2522 42120 912657

ZCZC WBC976
URNT11 KMIA 300033
NDAA2 0905 ELENA OB 11 KMIA
97779 23554 50271 85418 14600 16061 18148 /25017

ZCZC WBC012
URNT11 KMIA 300128
NDAA2 0905 ELENA OB 13 KMIA
97779 00264 60262 87318 15300 31049 19153 /24297

ZCZC WBC008
URNT11 KMIA 300154
NDAA2 0905 ELENA OB 14 KMIA
97779 01004 60260 87318 15100 28052 18178 /24617

ZCZC WBC019
URNT11 KMIA 300154
NDAA2 0905 ELENA OB 14 KMIA
97779 01004 60260 87318 15100 28052 18178 /24617

ZCZC WBC015
URNT11 KMIA 300226
NDAA2 0905 ELENA OB 15 KMIA
97779 01264 60275 86548 15400 13077 18168 /24417

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE AF 972 1105 ELENA #16

A	31/0018Z	Z	DATE AND TIME OF FIX
B	28 DEG 23 MIN N S		LATITUDE OF VORTEX FIX ¹
	86 DEG 02 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	700 MB 2890	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	80	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	180 DEG 60	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	360 DEG 62	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 60	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H		MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 23 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 02 MIN E W		
	31/0018	Z	
O	134 17		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

¹ CHECK SUM REQUIRED IN WESTPAC.

² ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA3 1205 ELENA #4

A	31/0135	Z	DATE AND TIME OF FIX
B	28 DEG 26 MIN N S		LATITUDE OF VORTEX FIX
	85 DEG 44 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1225	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	225 DEG 90	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	125 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H		MB	MINIMUM SEA LEVEL PRESSURE, COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER (Closed wall, poorly defined, open SW, etc.)
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Precedence orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transverse diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG MIN N S		CONFIRMATION OF FIX (Coordinates and Time)
	DEG MIN E W		
	Z		
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate flight level and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 200 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS

SLP 977 MB EXT FROM 5000'
 OPEN W SIDE
 HUY RAIN E SIDE
 SECOND WND MAX ~~120 DEG AT 84~~ 120/84
 LOCATION 020 DEG AT 24 NM

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

* CHECK SUM REQUIRED IN WESTPAC.
 * ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3 1205 ELENA

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

#07

A	<i>31/0257</i>	Z	DATE AND TIME OF FIX
B	<i>21 DEG 32 MIN (N) S</i>		LATITUDE OF VORTEX FIX
	<i>15 DEG 38 MIN E (W)</i>		LONGITUDE OF VORTEX FIX
C	<i>850 MB 1233</i>	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>N/A</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>N/A DEG</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>210 DEG 46</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>110 DEG 25</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	110 <i>978 ext</i>	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	14 C <i>1650</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	<i>23 C 1710</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	<i>15 C 270</i>	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	<i>Dark cloud</i>		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	<i>N/A</i>		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190. 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	<i>21 DEG 32 MIN (N) S</i>		CONFIRMATION OF FIX: Coordinates and Time
	<i>15 DEG 38 MIN E (W)</i>		
	<i>31/0257</i>	Z	
O	<i>1245</i>		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	<i>4.14</i>	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	8FC PRESSURE EXTRAPOLATED FROM 5000 FT STRONG RAIN BAND NE OF CENTER BROAD AREA OF MODERATE RAIN EAST OF CENTER		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

1. CHECK SUM REQUIRED IN WESTPAC.

2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC256
URNT11 KMIA 310321
NDAA3 1205 ELENA OB 08 KMIA
97779 03044 70284 85148 16300 17092 1817 / 2321

ZCZC WBC260
URNT11 KMIA 310414
NDAA3 1205 ELENA OB 09 KMIA
97779 03354 70278 83148 14600 19043 1815 / 2516

ZCZC WBC264
URNT11 KMIA 310517
NDAA3 1205 ELENA OB 10 KMIA
97779 04024 70286 84358 15200 18070 17168 / 2425

ZCZC WBC266
URNT11 KMIA 310521
NDAA3 1205 ELENA OB 12 KMIA
97779 04334 70286 86748 15300 01064 17161 / 2426

ZCZC WBC271
URNT11 KMIA 310551
NDAA3 1205 ELENA OB 13 KMIA
97779 05054 70282 88448 14600 33023 17162 / 2505

ZCZC WBC272
URNT11 KMIA 310555
NDAA3 1205 ELENA OB 14 KMIA
97779 05354 70280 86648 15200 34045 18142 / 2449

ZCZC WBC276
URNT11 KMIA 310701
NDAA3 1205 ELENA OB 16 KMIA
97779 06054 70290 84748 16300 16072 1818 / 2335

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER **NORR3 1205 ELLENB**

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE **013 11**

A	31/04/8	Z	DATE AND TIME OF FIX
B	28 DEG 35 MIN N		LATITUDE OF VORTEX FIX ¹
	85 DEG 28 MIN E		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1224	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	185 DEG 86	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	095 DEG 40	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	977 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER (Closed wall, poorly defined, open SW, etc.)
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Indicate diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG MIN N S		CONFIRMATION OF FIX (Coordinates and Time)
	DEG MIN E W		
	Z		
O			FIX DETERMINE BY: FIX LEVEL (FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate by the surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS

SLP EXT FROM 5000 FT

SW SIDE OPEN

SECOND WIND MAX 010°/80 KTS AT 270°/35 NM FROM CENTER

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER: **NOAA3 1205 ELLCN**

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE: **OB #15**

A	31/0557	Z	DATE AND TIME OF FIX
B	28 DEG 37 MIN N S		LATITUDE OF VORTEX FIX
B	85 DEG 16 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1222	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	145 DEG 82	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	060 DEG 80	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	976 EXTRAP	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	18 C 1630	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 C 1740	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	16 C 26.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	F CLOSED		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M	C40		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 37 MIN N S		CONFIRMATION OF FIX Coordinates and Time
N	85 DEG 16 MIN E W		
O	31/0557	Z	FIX DETERMINE BY FIX LEVEL: FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center of visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
O	12348		
P	6:5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS: SLP EXTRAP FROM 5000 FT
 eye BECOMING BETTER DEFINED west side
 MOST TURB 70 NM East NE of center

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.
 CHECK SUM REQUIRED IN WESTPAC.
 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

NNNN

ZCZC WBC278

URNT11 KMIA 310710

NOAA3 1205 ELENA OB 17 KMIA

97779 06344 70294 85198 15900 08089 1616/ /23591

ZCZC WBC290

URNT11 KMIA 310800

NOAA3 1205 ELENA OB 18 KMIA

97779 07134 70286 85548 16900 34046 2215/ /22561

ZCZC WBC293

URNT11 KMIA 310810

NOAA3 1205 ELENA OB 20 KMIA

97779 07374 70276 85218 15600 27059 1817/ /24041

ZCZC WBC301

URNT11 KMIA 310935

NOAA3 1205 ELENA OB 21 KMIA

97779 08044 70270 84118 15000 22062 1715/ /24761

ZCZC WBC302

URNT11 KMIA 310940

NOAA3 1205 ELENA OB 22 KMIA

97779 08294 70284 85048 16800 24068 1917/ /22631

ZCZC WBC305

URNT11 KMIA 310944

NOAA3 1205 ELENA OB 24 KMIA

97779 09004 70280 83648 15300 21075 1716/ /24341

ZCZC WBC313

URNT11 KMIA 311010

NOAA3 1205 ELENA OB 25 KMIA

97779 09304 70266 82018 45900 23047 51542 /8022

LAST REPORT OB 01 THRU OB 25 TO KMIA, ETA KMIA 31/0955Z;

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

*NOAA 3 1203 ELENA
013 19*

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	<i>31/0718</i>	Z	DATE AND TIME OF FIX
B	<i>28</i> DEG <i>44</i> MIN <i>N</i>		LATITUDE OF VORTEX FIX
	<i>85</i> DEG <i>11</i> MIN <i>E</i>		LONGITUDE OF VORTEX FIX
C	<i>850</i> MB <i>1217</i>	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>N/A</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>N/A</i> DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>080</i> DEG <i>95</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>020</i> DEG <i>40</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	<i>976</i>	MB	MINIMUM SEA LEVEL PRESSURE, COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	<i>C/</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	<i>C/</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	<i>C/</i>	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	DEG	MIN N S	CONFIRMATION OF FIX: Coord. dates and time
	DEG	MIN E W	
		Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate flight level and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 2 - 850 mb; 3 - 700 mb; 4 - 500 mb; 5 - 400 mb; 6 - 300 mb; 7 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	<i>SLP EXT FROM 5000 FT MOD TURB NE OF CNTR NEAR LAND</i>		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

021

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3 1205 ELCNA
OB # 23

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	31/0835	Z	DATE AND TIME OF FIX
B	28 DEG 41 MIN (N)S		LATITUDE OF VORTEX FIX
	85 DEG 06 MIN (E)W		LONGITUDE OF VORTEX FIX
C	850 MB 1206	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	240 DEG 92	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	160 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	975 MB EXTR P	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FEE OF SEA SURFACE
I	17 CI 1578	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 CI 1745	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 CI 27.0°	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	POORLY DEFINED		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	N/A		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E02 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 41 MIN (N)S		CONFIRMATION OF FIX: Coordinates and Time
	85 DEG 06 MIN (E)W		
	31/0835	Z	
O	134 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 2 - 850 mb; 3 - 700 mb; 4 - 500 mb; 5 - 400 mb; 6 - 300 mb; 7 - 200 mb; 9 - Other.
P	6:5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SUP EXTRAPOLATED FROM 5000 FT		REMARKS
			SECOND WIND MAX 200°/84 KTS AT 110°/30 NM FROM CNTR

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1. CHECK SUM REQUIRED IN WESTPAC.

2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC

ZCZC WBC316
URNT11 KMIA 311010 COR
NOAA3 1205 ELENA OB 25 COR KMIA
97779 09304 70266 82018 45900 23047 51542 /8022
LAST REPORT OB 01 THRU OB 25 TO KMIA, ETA KMIA 31/0955Z

ZCZC WBC314
URNT11 KMIA 311020
NOAA2 1305 ELENA OB 01 KMIA
97779 09304 70266 8130/ 18300 20035 1607/ /9///
DPTD KMIA 31/0909Z ETA 28.7N 85.3W AT 31/1030Z

ZCZC WBC320
URNT11 KMIA 311107
NOAA2 1305 ELENA OB 02 KMIA
97779 10024 70279 8351/ 15200 21073 1616/ /2442

ZCZC WBC323
URNT11 KMIA 311119
NOAA2 1305 ELENA OB 04 KMIA
97779 10304 70289 8470/ 15200 08025 2119/ /2240

ZCZC WBC329
URNT11 KMIA 311130
NOAA2 1305 ELENA OB 05 KMIA
97779 10514 70289 8591/ 15300 01076 1414/ /2423

ZCZC WBC353
URNT11 KMIA 311253
NOAA2 1305 ELENA OB 07 KMIA
97779 12184 70276 83808 15200 23066 16158 /2443 MAX SFC WINDS
250 DEG 75KTS 180 DEG 60NM FROM CENTER

ZCZC WBC367
URNT11 KMIA 311330
NOAA2 1305 ELENA OB 08 KMIA
97779 12334 70287 83019 15200 19068 17168 /2429 41860

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER: NOAA 2 1305 ELENA

ABBREVIATED () (DETAILED ()) VORTEX DATA MESSAGE: OB 03

A	31/1027	Z	DATE AND TIME OF FIX
B	28 DEG 41 MIN (N) S		LATITUDE OF VORTEX FIX
	84 DEG 43 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1207	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	220 DEG 95	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	120 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	975 EXT	MB	MINIMUM SEA LEVEL PRESSURE, COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 C 1526	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 C 1526	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	20 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C 40		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01, 010 to 190, 17, 170 to 350. Minimum diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E02 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 41 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	84 DEG 43 MIN E (W)		
	31/1027	Z	
O	1234 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 2 - 850 ft; 3 - 700 mb; 4 - 500 mb; 5 - 400 mb; 6 - 300 mb; 7 - 200 mb; 9 - Other.
P	3.3	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS: SLP EXTRAPOLATED FROM 5000 FT		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1. CHECK SUM REQUIRED IN WESTPAC.
2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE 06

A	31/1128	Z	DATE AND TIME OF FIX
B	28 DEG 44 MIN ^(N) S		LATITUDE OF VORTEX FIX
	84 DEG 30 MIN ^(W) E		LONGITUDE OF VORTEX FIX
C	850 MB 1203	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	75	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	270 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	360 DEG 73	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 28	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	974	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 C 1522	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 C 1522	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	19 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	Closed WALL		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
MA	C 35		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 44 MIN ^(N) S		CONFIRMATION OF FIX (Coordinates and Time)
	84 DEG 30 MIN ^(W) E		
	31/1128	Z	
O	1234/8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 3 - 850 mb; 5 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	3/3	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	SLP EXT FM 5000 FT		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1 CHECK SUM REQUIRED IN WESTPAC.
2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER
NOAA 2 1305 ELENA 03 09

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	31/1254	Z	DATE AND TIME OF FIX
B	28 DEG 48 MIN N S		LATITUDE OF VORTEX FIX ¹
	84 DEG 22 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1213	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	75	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	125 DEG 75	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	190 DEG 97	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	090 DEG 31	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	975 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER (Closed wall, poorly defined, open SW, etc.)
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	DEG	MIN N S	CONFIRMATION OF FIX (Coordinates and Time)
	DEG	MIN E W	
	31/	Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS SF C PRESS EXT FROM 5000 FT.		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARAWO's discretion for unscheduled (intermediate) fixes.
 1. CHECK SUM REQUIRED IN WESTPAC.
 2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC375
URNT11 KMIA 311357
NOAA2 1305 ELENA OB 10 KMIA
97779 13134 70289 85819 15200 01067 15158 /24397

ZCZC WBC376
URNT11 KMIA 311358
NOAA2 1305 ELENA OB 11 KMIA
97779 13314 70282 86218 15200 34044 1514 /24767

ZCZC WBC393
URNT11 KMIA 311547
NOAA2 1305 ELENA OB 14 KMIA
97779 15154 70279 85508 15100 31053 1414 /24627

ZCZC WBC402
URNT11 KMIA 311646
NOAA2 1305 ELENA OB 16 KMIA
97779 16124 70279 83408 15100 23060 16148 /2429 422657

ZCZC WBC410
URNT11 KMIA 311719
NOAA2 1305 ELENA OB 18 KMIA
97779 16484 70291 85218 15100 02059 16168 /24107

ZCZC WBC423
URNT11 KMIA 311826
NOAA2 1305 ELENA OB 20 KMIA
97779 17364 70285 83518 15100 22070 18188 /23067

ZCZC WBC424
URNT11 KMIA 311827
NOAA2 1305 ELENA OB 21 KMIA
97779 17564 70276 82718 15100 22055 17148 /2470 SFC WND EST 220DEG
70KTS 140DEG 50NM FROM CENTER LAST REPORT OB 0121 TO KMIA ETA
KMIA 31/1845Z7

DATE	SCHEDULED FIX TIME	AIRCRAFT NUMBER	ARWO
MANOP HEADING (PRECEDENCE IMMEDIATE) URNT 12 KMIA 31/			
MISSION IDENTIFIER AND OBSERVATION NUMBER NOAA2 1305 ELENA 08 12			
(ABBREVIATED) <u>(DETAILED)</u> VORTEX DATA MESSAGE			
A	31/1413	Z	DATE AND TIME OF FIX
B	28 DEG 47 MIN N		LATITUDE OF VORTEX FIX ¹
	84 DEG 15 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1219	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	70	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	240 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	330 DEG 73	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	240 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	976	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 C/ 1511	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	23 C/ 1511	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	15 C/ N/A	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	Closed wall		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C 30		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. <i>Examples:</i> C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 47 MIN N		CONFIRMATION OF FIX: Coordinates and Time
	84 DEG 15 MIN E W		
	31/1413	Z	
O	1345 8		FIX DETERMINE BY/FIX LEVEL FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	3 / 3	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY
Q	REMARKS		
SFC Press EXT FM 5000 FT			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA2 1305 ELENA 03 13

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	31/1450	Z	DATE AND TIME OF FIX
B	28 DEG 49 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	84 DEG 09 MIN (E) W		LONGITUDE OF VORTEX FIX ¹
C	874 MB 1210	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	NA	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	NA DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	090 DEG 75	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	350 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	974	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER Closed wall, partly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG	MIN N S	CONFIRMATION OF FIX. Coordinates and Time
	DEG	MIN E W	
		Z	
O	/		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	/	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SFC PRESS ^{EXT} FROM 5000 FT MAX FL WINDS 89 KTS 090 DEG 20 NM FM CENTER		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARAO's discretion for unscheduled (intermediate) fixes.
 1. CHECK SUM REQUIRED IN WESTPAC.
 2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA2 1305 ELENA 03 17

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

A	31/1630	Z	DATE AND TIME OF FIX
B	28 DEG 45 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	84 DEG 06 MIN E (W)		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1213	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	65	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	150 DEG 40	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	220 DEG 70	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	120 DEG 28	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	975	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, e.g., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E07-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG	MIN N S	CONFIRMATION OF FIX Coord. dates and Time
	DEG	MIN E W	
		Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 6 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXT FR 5000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARAO's discretion for unscheduled (intermediate) fixes.

1. CHECK SUM REQUIRED IN WESTPAC.
2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

SCHEDULED FIX TIME

AIRCRAFT NUMBER

ARWO

MANOP HEADING (PRECEDENCE IMMEDIATE)

URNT12 KLMIA

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA2 1305 ELENA OB #19

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	31/1727	Z	DATE AND TIME OF FIX
B	28 DEG 47 MIN N		LATITUDE OF VORTEX FIX
B	83 DEG 58 MIN E		LONGITUDE OF VORTEX FIX
C	850 MB 1209	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	80	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	270 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	350 DEG 83	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	975	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 C/1510	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 C/1510	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE ²
K	14 C/ N/A	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	Closed wall		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C40		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter. E09 15.5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 47 MIN N		CONFIRMATION OF FIX: Coordinates and Time
N	83 DEG 58 MIN E		
	31/1727	Z	
O	12345/8		FIX DETERMINE BY FIX LEVEL - FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	3 / 3	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	SLP EXT FROM 5000 FT		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

1 CHECK SUM REQUIRED IN WESTPAC.

2 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC432

URNT11 KMIA 311827 COR

NOAA2 1305 ELENA OB 21 COR KMIA

97779 17564 70276 82718 15100 22055 17148 /2470 SFC WND EST 220DEG
70KTS 140DEG 50NM FROM CENTER;

NNNN

ZCZC WBC433

URNT11 KMIA 311853

NOAA2 1305 ELENA OB 22 KMIA

97779 18174 70266 81848 15000 22052 17048 /2518 LAST REPORT OB 0122
TO KMIA ETA KMIA 31/1840Z;

ZCZC WBC437

URNT11 KMIA 311928

NOAA3 1405 ELENA OB 01 KMIA

97779 19054 70276 83008 15200 22055 17123 /2452

DPTD KMIA 31/1816Z ETA 28.6N 83.8W 31/1930Z;

ZCZC WBC444

URNT11 KMIA 312023

NOAA3 1405 ELENA OB 03 KMIA

97779 20024 70296 83919 16300 17070 17158 /2366;

ZCZC WBC449

URNT11 KMIA 312100

NOAA3 1405 ELENA OB 04 KMIA

97779 20304 70280 83909 16000 27067 17173 /2367;

ZCZC WBC468

URNT11 KMIA 312318

NOAA3 1405 ELENA OB 08 KMIA

97779 22304 70288 84719 16000 36070 16163 /2368;

MANOP HEADING (PRECEDENCE IMMEDIATE)

URNT 12 KMIA

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA3 1405 ELENA OB#2

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	31/1927	Z	DATE AND TIME OF FIX
B	28 DEG 45 MIN (N) S		LATITUDE OF VORTEX FIX
B	83 DEG 56 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1204	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	183 DEG 80	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	090 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	973 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 c 1654	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 c 1741	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 c 28	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	OPEN SW		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
IA	C 25		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: CB - Circular eye 8 miles in diameter; 109 15 5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM. COB-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 45 MIN (N) S		CONFIRMATION OF FIX. Coordinates and Time
N	83 DEG 56 MIN E (W)		
N	31/1927	Z	
O	134 8		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	10 10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
SFC Press EXT FROM 5000FT			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOR HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA3 1405 ELENA

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

03 05

A	31/2109	Z	DATE AND TIME OF FIX
B	28 DEG 50 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	85 DEG 53 MIN (E) W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1198	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	75	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	090 DEG 40	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	190 DEG 80	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	110 DEG 40	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	NA	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 c/ 1664	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 c/ 1739	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	19 c/ 29	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M	C25		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8-- Circular eye 8 miles in diameter; 109 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	28 DEG 50 MIN N S		CONFIRMATION OF FIX. Coordinates and Time
	83 DEG 53 MIN E W		
	31/2109	Z	
O	1.34 / 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	10 / 10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	SFC PRESS 973 EXT FROM 5000 FT		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABOVE FIX ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

NOAA3 1405 ELENA #9

A	31/2242	Z	DATE AND TIME OF FIX
B	28 DEG 50 MIN N S		LATITUDE OF VORTEX FIX
B	83 DEG 48 MIN E W		LONGITUDE OF VORTEX FIX
C	850MB 1186	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	DEG N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	007 DEG 86	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	260 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	977 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 CI 1647	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	23 CI 1748	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 CI 28	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	OPEN SSE		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C25		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, (e.g., 01-010 to 190, 17-170 to 350). Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; 109-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 50 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
N	83 DEG 48 MIN E W		
N	31/2242	Z	
O	134 18		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	10 1 10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS: REF SLP EXT FROM 5000'		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC470
URNT11 KMIA 312325
NORA3 1405 ELENA DB 07 KMIA
97779 22004 70287 83908 17100 29018 20193 /21999

ZCZC WBC469
URNT11 KMIA 312324
NORA3 1405 ELENA DB 06 KMIA
97779 21484 70280 83909 15600 27058 18163 /23889

ZCZC WBC477
URNT11 KMIA 010003
NORA3 1405 ELENA DB 10 KMIA
97779 23054 70293 83319 16000 43070 17173 /23609

ZCZC WBC479
URNT11 KMIA 010008
NORA3 1405 ELENA DB 11 KMIA
97779 23324 70287 83819 17600 24000 20193 /21829

ZCZC MIA REPNT1
URNT11 KMIA 010033
NORA3 1405 ELENA DB13
97779 00334 10285 8471/ 15600 35072 1716/ /2381
NNNN

ZCZC MIA REPNT1
URNT11 KMIA 010106
NORA3 1405 ELENA DB14
97779 01064 10289 8381/ 17700 10047 2019/ /2199
NNNN

ZCZC WBC520
URNT11 KMIA 010236
NORA3 1405 ELENA DB 16 KMIA
97779 02034 10285 8311/ 16100 20078 1717/ /23469

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA3 1405 ELENA 12

A	<i>01/0011</i>	Z	DATE AND TIME OF FIX
B	<i>28 DEG 47 MIN N S</i>		LATITUDE OF VORTEX FIX
B	<i>83 DEG 46 MIN E W</i>		LONGITUDE OF VORTEX FIX
C	<i>850 MB 1173</i>	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>N/A</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>DEG N/A</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>181 DEG 40</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>090 DEG 20</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	<i>971 EXT</i>	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	<i>18 CI 1747</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	<i>21 CI 1763</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	<i>18 CI 28</i>	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	<i>OPEN W</i>		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	<i>C 25</i>		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM; CO8-14-Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	<i>28 DEG 47 MIN N S</i>		CONFIRMATION OF FIX: Coordinates and Time
N	<i>83 DEG 46 MIN E W</i>		
N	<i>01/0011</i>	Z	
O	<i>1341 B</i>		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	<i>10 / 10</i>	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	<i>SLP EXT FROM 5000'</i>		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE **NOAA3 1405 ELENA 15**

A	01/0134	Z	DATE AND TIME OF FIX
B	28 DEG 46 MIN N S		LATITUDE OF VORTEX FIX
B	83 DEG 49 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1161	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	DD/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	097 DEG 80	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	020 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	969	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	18 C 1685	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 C 1777	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 C 28	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C20		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 46 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	83 DEG 49 MIN E W		
	01/0134 ²		
O	134 18		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	10 10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3 1405 ELEN A

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

OB 18

A	01/0300 Z	DATE AND TIME OF FIX
B	28 DEG 43 MIN N S	LATITUDE OF VORTEX FIX ¹
B	83 DEG 51 MIN E W	LONGITUDE OF VORTEX FIX ¹
C	850 MB 1142 M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	360 DEG 74 KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	220 DEG 30 NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	966 MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 CI 1665 M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 CI 1785 M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 CI 28.0 C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL	EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M	C20	EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190. 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; 109-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 43 MIN N S 83 DEG 51 MIN E W 01/0300 Z	CONFIRMATION OF FIX. Coordinates and Time
O	135 18	FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	10 10 NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	EXTRAP FROM 5000 FT	REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC533
URNT11 KMIA 010417
NOAA3 1405 ELENA OB 18 KMIA
97779 03044 10287 8360/ 17900 19042 2019/ /2171
LAST REPORT OBS 01 THRU 18 TO KMIA, ETA KMIA 01/0400Z;

ZCZC WBC535
URNT11 KMIA 010428
NOAA2 1505 ELENA OB 01 KMIA
97779 03304 10260 80300 17000 22032 18021 /2868
DEP KMIA 01/0325Z, ETA 28.8N 83.8W AT 01/0430Z;

NNNN

ZCZC WBC537
URNT11 KMIA 010446
NOAA2 1505 ELENA OB 02 KMIA
97779 04024 10269 82648 48900 22035 5353/ /8022;

ZCZC WBC541
URNT11 KMIA 010519
NOAA2 1505 ELENA OB 03 KMIA
97779 04314 10279 83818 15600 26062 16168 /2397;

NNNN

ZCZC WBC555
URNT11 KMIA 010633
NOAA2 1505 ELENA OB 05 KMIA
97779 05044 10296 84218 15400 08054 1915/ /2430;

ZCZC WBC558
URNT11 KMIA 010635
NOAA2 1505 ELENA OB 06 KMIA
97779 05384 10286 85118 15400 36053 1616/ /2423;

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 2 1505 ELENA

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

CB #4

A	01/0444	Z	DATE AND TIME OF FIX
B	28 DEG 36 MIN (N) S		LATITUDE OF VORTEX FIX
	83 DEG 57 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1138	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	253 DEG 82	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	180 DEG 24	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	966 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 CI 1570	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	23 CI 1805	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	16 CI 26.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M	C35		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; 109 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 36 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	83 DEG 57 MIN E (W)		
	01/0444	Z	
O	12345/8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	4.4	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAP FROM 5000 FT		REMARKS
	LARGE RAIN BAND 10NM OFFSHORE OF TARPON SPRINGS		
	SECOND WIND MAX 085°/82KTS AT 360°/25NM FROM CNTR		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

* CHECK SUM REQUIRED IN WESTPAC.

† ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 2 #1505 ELENA
07

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	01/0554	Z	DATE AND TIME OF FIX
B	28 DEG 39 MIN (N)S		LATITUDE OF VORTEX FIX
	83 DEG 59 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1131	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	355 DEG 84	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	260 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	965 ext	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 CI 1580	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ² ,
J	23 CI 1807	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	16 CI 25.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	E 12/40/30		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 39 MIN (N)S		CONFIRMATION OF FIX: Coordinates and Time
	83 DEG 59 MIN E (W)		
	01/0554	Z	
O	1234518		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	4.4	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAPOLATED FROM 5,000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ORB #10

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA 2 1505 ELONA

A	01/0643	Z	DATE AND TIME OF FIX
B	28 DEG 33 MIN (N) S		LATITUDE OF VORTEX FIX
	83 DEG 57 MIN E (W)		LONGITUDE OF VORTEX FIX
C	830 MB 1125	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	075 DEG 93	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	340 DEG 24	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	965 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; 109 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	DEG MIN N S		CONFIRMATION OF FIX. Coordinates and Time
	DEG MIN E W		
		Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SFC PRESSURE EXTIP FROM 5000 FT		REMARKS
	SECOND WIND MAX 1250/82 KTS AT 050°/45 NM FROM CENTER		
	MOST RAIN BANDS IN NE QUADRANT		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC567

URNT11 KMIA 010707

NDAA2 1505 ELENA OB 08 KMIA

97779 06094 10289 83318 15700 16070 17178 /23879

ZCZC WBC570

URNT11 KMIA 010711

NDAA2 1505 ELENA OB 09 KMIA

97779 06374 10289 84148 17200 07078 18188 /22179

ZCZC WBC571

URNT11 KMIA 010737

NDAA2 1505 ELENA OB 11 KMIA

97779 07014 10275 84018 15200 26045 16168 /24319

ZCZC WBC579

URNT11 KMIA 010823

NDAA2 1505 ELENA OB 12 KMIA

97779 07294 10278 83448 15400 23058 16167 /24209

ZCZC WBC584

URNT11 KMIA 010855

NDAA2 1505 ELENA OB 14 KMIA

97779 07594 10286 84318 18000 01049 20197 /21539

ZCZC WBC586

URNT11 KMIA 010900

NDAA2 1505 ELENA OB 15 KMIA

97779 08304 10279 84918 15400 32053 17177 /24149

ZCZC WBC595

URNT11 KMIA 011010

NDAA2 1505 ELENA OB 16 KMIA

97779 08594 10281 84118 16200 27071 17177 /23379

8876 J.L.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 2 1505 ELENA
OB #13

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

A	01/0756	Z	DATE AND TIME OF FIX
B	28 DEG 32 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	84 DEG 01 MIN E (W)		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1105	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	175 DEG 88	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	080 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	964 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 CI 1580	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 CI 1850	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	16 CI 240	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	E05/35/25		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 32 MIN (N) S		CONFIRMATION OF FIX. Coordinates and Time
	84 DEG 01 MIN E (W)		
	01/0756	Z	
O	1234518		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	515	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAP FROM 5000 FT		REMARKS
SEVERAL MODERATE RAIN BANDS EAST SIDE			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 2 1505 ELENA
OB # 17

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

A	01/0908	Z	DATE AND TIME OF FIX
B	28 DEG 34 MIN (N) S		LATITUDE OF VORTEX FIX
	84 DEG 06 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1092	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	090 DEG 95	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 30	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	963	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 CI 1600	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	22 CI 1845	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	16 CI 23.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C35		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 34 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	84 DEG 06 MIN E (W)		
	01/09/08 Z	Z	
O	1234518		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
F	514	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
G	SLP EXTRAPOLATED FROM 5000 FT		REMARKS
<p>STRONG RAINBAND OUTSIDE eye SE SIDE 2ND WND MAX 265°/87KTS at 180°/20NM FROM CNTR</p>			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC597

URNT11 KMIA 011019

NOAA2 1505 ELENA OB 18 KMIA

97779 09294 10298 84318 15300 09056 1615 /24325

NNNN

ZCZC WBC602

URNT11 KMIA 011051

NOAA2 1505 ELENA OB 19 KMIA

97779 10004 10286 85618 15200 36032 1815 /24455

ZCZC WBC611

URNT11 KMIA 011138

NOAA2 1505 ELENA OB 21 KMIA

97779 10384 10286 83048 15600 17062 16168 /24125

ZCZC WBC612

URNT11 KMIA 011139

NOAA2 1505 ELENA OB 22 KMIA

97779 11014 10297 84118 15500 09059 17163 /24285

ZCZC WBC631

URNT11 KMIA 011233

NOAA2 1505 ELENA OB 24 KMIA

97779 11344 10278 84118 15600 26057 17178 /24175

ZCZC WBC632

URNT11 KMIA 011234

NOAA2 1505 ELENA OB 25 KMIA

97779 12004 10269 83018 46000 24035 50543 /80205

ZCZC WBC649

URNT11 KMIA 011256

NOAA2 1505 ELENA OB 26 KMIA

97779 12204 10265 81218 54700 22025 56603 /4585 LAST REPORT OB
0126 TO KMIA ETA KMIA 01/1235Z

NOAA 2 1505 ELENA
OB # 20

A	01 / 1022	Z	DATE AND TIME OF FIX
B	28 DEG 37 MIN N		LATITUDE OF VORTEX FIX
B	84 DEG 05 MIN E		LONGITUDE OF VORTEX FIX
C	850 MB 1092	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	175 DEG 99	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	095 DEG 15	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	962 ext	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	DEG MIN N S		CONFIRMATION OF FIX: Coordinates and Time
N	DEG MIN E W		
N		Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS

SLP EXTRAPOLATED FROM 5000 FT

2ND WIND MAX OF 345/88KTS at 265°/15NM

LITTLE APPARENT WIND DRIFT

STRONG CHECA SIGNAL

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

1. CHECK SUM REQUIRED IN WESTPAC.

2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

WRNT 12 KMIA 01/

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA2 1505 ELENA OB # 23

A	01/1120	Z	DATE AND TIME OF FIX
B	28 DEG 37 MIN ^(N) S		LATITUDE OF VORTEX FIX
	84 DEG 05 MIN ^(E/W)		LONGITUDE OF VORTEX FIX
C	850 MB 1091	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	090 DEG 98	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 20	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	962 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 CI 1595	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 CI 1850 ?	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 CI 26	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	Closed wall		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C 25		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 37 MIN ^(N) S		CONFIRMATION OF FIX: Coord notes and Time
	84 DEG 05 MIN ^(E/W)		
	01/1120	Z	
O	12345 0,8		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	4 15	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS

SFC Press EXT FM ~~500~~ 850 MB
 2ND WIND MAX 265 DEG 92 KT AT
 180/15 NM FM CNTR WELL Det
 RADAR EYE

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC655
URNT11 KMIA 011312
NOAA3 1605 ELENA OB 01 KMIA
97779 12284 10266 8140/ 30500 20040 0706/ /3131 DPTD KMIA 01/1240Z
ETA 28.5N 84.1W 01/1320Z

ZCZC WBC661
URNT11 KMIA 011349
NOAA3 1605 ELENA OB 02 KMIA
97779 13024 10282 83509 15300 ~~20058~~ 1717/ /2386Z

ZCZC WBC667
URNT11 KMIA 011422
NOAA3 1605 ELENA OB 04 KMIA
97779 13474 10291 85319 15200 04058 1716/ /2417Z

ZCZC WBC675
URNT11 KMIA 011451
NOAA3 1605 ELENA OB 05 KMIA
97779 14184 10286 84819 15200 36079 1918/ /2306 43570Z

ZCZC WBC176
URNT11 KMIA 011559
NOAA3 1605 ELENA OB 07 KMIA
97779 15204 10293 83649 15100 14068 1717/ /2426Z

ZCZC WBC183
URNT11 KMIA 011626
NOAA3 1605 ELENA OB 09 KMIA
97779 16014 10280 84519 15100 27052 1817/ /2403Z

ZCZC WBC692
URNT11 KMIA 011659
NOAA3 1605 ELENA OB 10 KMIA
97779 16304 10277 83908 15100 23054 1714/ /2451 42250Z

ZCZC WBC708
URNT11 KMIA 011900
NOAA3 1605 ELENA OB 12 KMIA
97779 18174 10275 84709 15100 24052 1715/ /2451 42445Z

A	<i>01/1313</i>	Z	DATE AND TIME OF FIX
B	<i>28 DEG 40 MIN (N) S</i>		LATITUDE OF VORTEX FIX ¹
	<i>84 DEG 10 MIN (E) W</i>		LONGITUDE OF VORTEX FIX ¹
C	<i>850 MB 1063</i>	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>80</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>120 DEG 25</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>210 DEG 97</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>120 DEG 25</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	<i>960</i>	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	<i>20 C / 1530</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	<i>23 C / 1530</i>	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	<i>18 C / N/A</i>	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	<i>Closed WALL</i>		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	<i>C 35</i>		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	<i>28 DEG 40 MIN (N) S</i>		CONFIRMATION OF FIX: Coordinates and Time
	<i>84 DEG 10 MIN (E) W</i>		
	<i>01/1313</i>	Z	
O	<i>134 18</i>		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	<i>3 17</i>	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS

*SLP EXT FM 5000FT
NAV COR 0,0*

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARMO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER
NOAA3 1005 GLENA

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

08 06

A	01/1448	Z	DATE AND TIME OF FIX
B	28 DEG 41 MIN (N) S		LATITUDE OF VORTEX FIX
	84 DEG 15 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1055	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	90	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	330 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	060 DEG 104	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	330 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	958 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 c/ 1518	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 c/ 1055	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 c/ NA	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C35		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	28 DEG 41 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	84 DEG 15 MIN E (W)		
	01/1448	Z	
O	134 / 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 7	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS SFC PRESS EXT FM 5000 FT NAV. COR 0,0		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOR HEADING (PRECEDENCE IMMEDIATE) **URGENT KMIA**
 MISSION IDENTIFIER AND OBSERVATION NUMBER **NOAA B 1605 ELON A**
 ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE **DP**

A	01/1549	Z	DATE AND TIME OF FIX
B	28 DEG 45 MIN N S		LATITUDE OF VORTEX FIX ¹
B	84 DEG 26 MIN E W		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1053	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	90	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	360 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	090 DEG 112	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 20	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	957	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FEET OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER (Closed wall, poorly defined, open SW, etc.)
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	DEG MIN N S		CONFIRMATION OF FIX (Coordinates and Time)
N	DEG MIN E W		
N		Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS SLP EXT FM 5000FT PRESS + WIND CENTER ON WEST SIDE OF EYE NAV COV 0, 0.		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
 der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
 fixes.
 * CHECK SUM REQUIRED IN WESTPAC.
 * ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER
NOAA3 1605 ELENA OB 12-11

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

A	01/1713	Z	DATE AND TIME OF FIX
B	28 DEG 49 MIN <u>(N)</u> S		LATITUDE OF VORTEX FIX ¹
	84 DEG 35 MIN <u>(W)</u>		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1040	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	90	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	090 DEG 15	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	180 DEG 103	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	090 DEG 12	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	956	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 c/ 1509	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	24 c/ 1509	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 c/ NA	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M	C35		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 12-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15NM, length of minor axis 5NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	28 DEG 49 MIN <u>(N)</u> S		CONFIRMATION OF FIX Coordinates and Time
	84 DEG 35 MIN <u>(W)</u>		
	01/1713	Z	
O	1234, 8		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SFC PRESS EXT ^{FM} 5000 FT CENTER FIX WAS ADJUSTED 2MI N 3MI E FOR NAV ERROR		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
 er of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
 fixes.
 * CHECK SUM REQUIRED IN WESTPAC.
 * ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

WRNT 12 14MIA

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA3 1605 ELENA

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

OB 13

A	01/1837	Z	DATE AND TIME OF FIX
B	28 DEG 58 MIN (N) S		LATITUDE OF VORTEX FIX
B	84 DEG 53 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1014	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	60	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	180 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	090 DEG T213	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 23	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	954 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	DEG MIN N S		CONFIRMATION OF FIX: Coordinates and Time
N	DEG MIN E W		
N		Z	
O			FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXT FM 5000 FT		REMARKS
	ADJUSTED FIX 5N 3E FOR NAV		ERR 02

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

URNT 12 KMIA

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3 1605 ELENA 0815

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	01/1939	Z	DATE AND TIME OF FIX
B	29 DEG 05 MIN N S		LATITUDE OF VORTEX FIX
B	85 DEG 02 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1000	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	95	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	270 DEG 20	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	350 DEG 115	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 18	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	951	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	C/	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	C/	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L			EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M			EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	DEG MIN N S		CONFIRMATION OF FIX: Coordinates and Time
N	DEG MIN E W		
N		Z	
O			FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P		NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS SLP EXT FM 5000 FT CNTR 17DU 8 MI N AND 3 MI E FOR NAV ERROR		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.

1. CHECK SUM REQUIRED IN WESTPAC.

2. ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC725
URNT11 KMIA 012022
NOAA3 1605 ELENA OB 14 KMIA
97779 19144 10289 86619 15100 01048 1615 /2457 43640

ZCZC WBC734
URNT11 KMIA 012102
NOAA3 1605 ELENA OB 16 KMIA
97779 19464 10290 84759 15100 16087 1918 /2276

ZCZC WBC736
URNT11 KMIA 012105
NOAA3 1605 ELENA OB 17 KMIA
97779 20184 10293 84719 15100 13088 1817 /2342 41280

ZCZC WBC741
URNT11 KMIA 012146
NOAA3 1605 ELENA OB 19 KMIA
97779 21054 10280 82918 03100 16036 2420 /0011 41735

ZCZC WBC742
URNT11 KMIA 012202
NOAA3 1605 ELENA OB 20 KMIA
97779 21254 10270 82408 33600 20034 0652 /3143
LAST REPORT OBS 0120 TO KMIA
ETA KMIA AT 012205Z

ZCZC WBC744
URNT11 KMIA 012240
AF964 1705 ELENA OB 01 KMIA
97779 22024 10296 89500 30900 04020 08041 /3118 49905
DEPT KBIX AT 012145Z ETA 29.3N 85.5W AT 012305Z

ZCZC WBC747
URNT11 KMIA 012332
AF964 1705 ELENA OB 02 KMIA
97779 22174 10295 88400 30300 02033 08083 /3106 40230

MANOP HEADING (PRECEDENCE IMMEDIATE)

ARWO

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA 1605 ELENA #18

A	2027	Z	DATE AND TIME OF FIX
B	29 DEG 08 MIN N S		LATITUDE OF VORTEX FIX
B	85 DEG 05 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1000	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	80	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	60 DEG 35	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	130 DEG 120	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	060 DEG 11	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	952	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	20 C 1508	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	23 C # 1508	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	19 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C 25		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	29 DEG 08 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
N	85 DEG 05 MIN E W		
N	01/2027 ^Z		
O	1234 18		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 1 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
<p>SLP EXT FROM 5000'</p> <p>CTR FIX ADJ 10MI N AND 7MI E</p> <p>FOR NAV ERROR</p>			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

AF 964 1705 ELENA

3 #2

A	01/2300	Z	DATE AND TIME OF FIX
B	29 DEG 22 MIN N S		LATITUDE OF VORTEX FIX
	85 DEG 38 MIN E W		LONGITUDE OF VORTEX FIX
C	700 MB 2685	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	35	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	270 DEG 105	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	270 DEG 066	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 015	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	953 BAROMETER DROPSONDE		MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	14 C 3014	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	17 C 3029	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C20		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric, E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	29 DEG 22 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	85 DEG 38 MIN E W		
	/2300	Z	
O	1245 07		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 1 1	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
	SFC TEMP FROM DROP +25 DC		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC751

UZNT13 KMIA 012343

AF964 1705 ELENA OB 04 KMIA

XXAA 0123/ 99293 70856 08195 99953 25002 00926 // 85004 20802

70686 17003 88999 77999

XXBB 0123/ 99293 70856 08195 00953 25002 11859 20802 22814 21205

33710 17439 44699 17000

ZCZC WBC754

URNT14 KMIA 020009

AF964 1705 ELENA OB 05 KMIA

SUPPLEMENTARY VORTEX DATA MESSAGE

01293 10873 13087 10808 02038

02292 20869 23075 20808 01043

03292 30868 33064 30707 01046

04291 40866 43038 40808 01050

05291 50863 53997 50909 05046

06291 60861 63877 61010 31049

07292 70858 73728 71414 30066

MF292 M0858 MF066

OBS 01 AT 2226Z OBS 07 AT 2251Z

OBS 01 SFC WND 02035

01292 10856 13820 11414 26066

02288 20856 23977 21010 26056

03286 30857 33017 30808 25038

04284 40857 43039 40909 24037

05281 50857 53059 50808 25039

MF292 M0856 MF066

OBS 01 AT 2316Z OBS 05 AT 2335Z

OBS 05 SFC WND //

REMARKS 294 856 685

ZCZC WBC799

UZNT13 KMIA 020226

AF964 1705 ELENA OB 07 KMIA

XXAA 0201/ 99293 70860 08196 99956 25809 00906 // 85027 21603

70710 17213 88999 77999

XXBB 0201/ 99293 70860 08196 00956 25809 11873 21202 22802 21217

33708 17656 44697 17000

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

AF 964 1705 ELENA # 6

A	<i>02/0000</i>	Z	DATE AND TIME OF FIX
B	<i>29 DEG 26 MIN N S</i>		LATITUDE OF VORTEX FIX
	<i>85 DEG 57 MIN E W</i>		LONGITUDE OF VORTEX FIX
C	<i>700 MB 2806</i>	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	<i>N/A</i>	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	<i>DEG</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	<i>210 DEG 090</i>	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	<i>180 DEG 015</i>	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	<i>N/A</i>	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	<i>17 CI 3033</i>	M	MAXIMUM FLIGHT LEVEL TEMP-PRESSURE ALTITUDE-OUTSIDE EYE ²
J	<i>17 CI 3011</i>	M	MAXIMUM FLIGHT LEVEL TEMP-PRESSURE ALTITUDE INSIDE EYE ²
K	<i>17 CI</i>	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	<i>CLOSED</i>		EYE CHARACTER Closed wall, partly defined, open SW, etc.
M	<i>C15</i>		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190. 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E07-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	<i>29 DEG 26 MIN N S</i>		CONFIRMATION OF FIX. Coordinates and Time
	<i>85 DEG 57 MIN E W</i>		
	<i>02/0000</i>	Z	
O	<i>1245107</i>		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	<i>5 1 1</i>	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate) fixes.
 CHECK SUM REQUIRED IN WESTPAC.
 ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

AF964 1705 ELENA

#9

A	02/01207	Z	DATE AND TIME OF FIX
B	29 DEG 22 MIN N S		LATITUDE OF VORTEX FIX
	86 DEG 03 MIN E W		LONGITUDE OF VORTEX FIX
C	700 MB 2710	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	360 DEG 073	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	270 DEG 015	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	956 dropsonde	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	16 C 3030	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE-OUTSIDE EYE ²
J	17 C 3043	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 C N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C10		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	29 DEG 22 MIN N S		CONFIRMATION OF FIX. Coordinates and Time
	86 DEG 03 MIN E W		
	02/0120	Z	
O	12345 7		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 1 1	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	N/A		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

NOAA 3 1805 ELENA #3

A	02/0145	Z	DATE AND TIME OF FIX
B	29 DEG 25 MIN N S		LATITUDE OF VORTEX FIX
	86 DEG 18 MIN E W		LONGITUDE OF VORTEX FIX
C	850 MB 1026	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	DEG N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	082 DEG 126	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 10	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	954 954	MB EXT	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 CI 1752	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE-OUTSIDE EYE ²
J	22 CI 1894	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 CI N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	C W		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C15		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	29 DEG 25 MIN N S		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 18 MIN E W		
	02/0145	Z	
O	123418		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	10 / 10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	REMARKS		
SLP EXT FROM 5000'			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARAO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC816
UZNT13 KMIA 020226 COR
AF964 1705 ELENA OB 07 COR KMIA
XXAA 0200/ 99294 70859 08195 99958 25003 00879 /////
85049 21405
70731 17000 88999 77999
XXBB 0200/ 99294 70859 08195 00958 25003 11876 21203 22832 21615
33717 18658 44700 17000

ZCZC WBC817
UZNT13 KMIA 020307
AF964 1705 ELENA OB 10 KMIA
XXAA 0201/ 99293 70860 08196 99956 25809 00906 /////
85027 21603
70710 17213 88999 77999
XXBB 0201/ 99293 70860 08196 00956 25809 11873 21202 22802 21217
33708 17656 44697 17000

ZCZC WBC820
URNT11 KMIA 020338
AF964 1705 ELENA OB 12 KMIA
97779 02204 10294 8320/ 31000 16029 0503/ /3139
LAST REPORT OBS 0112 KMIA ETA KHST AT 020315Z;

ZCZC WBC822
URNT11 KMIA 020400
NOAA3 1805 ELENA OB 01 KMIA
97779 01004 10273 8420/ 48800 20028 5262/ /8023
DEPT KMIA AT 02/2359Z ETA 29.40 85.74 AT 02/0130Z;

ZCZC WBC823
URNT11 KMIA 020404
NOAA3 1805 ELENA OB 02 KMIA
97779 01324 20286 8611/ 15200 25043 1717/ /2419;

ZCZC WBC825
URNT11 KMIA 020410
NOAA3 1805 ELENA OB 04 KMIA
97779 02044 20299 8681/ 15800 06084 1817/ /2382;

ANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3 1805 ELLEN
OR # 6

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	02/0306	Z	DATE AND TIME OF FIX
B	29 DEG 23 MIN (N) S		LATITUDE OF VORTEX FIX
B	86 DEG 32 MIN (E) W		LONGITUDE OF VORTEX FIX
C	850 MB 1035	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	146 DEG 112	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	060 DEG 20	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	955 MB	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 CI 1870	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 CI 1909	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 CI N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	C 15		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 359. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	29 DEG 23 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
N	86 DEG 32 MIN (E) W		
N	02/0306	Z	
O	1234 18		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	5 / 5	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAPOLATED FROM 5,000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes, and at the ARWU's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.



1014

955.

59

60 MB OR 3

NNNN

ZCZC WBC826

URNT11 KMIA 020412

NDRA3 1805 ELENA OB 05 KMIA

97779 02314 20294 8791/ 14900 02047 1615/ /2463

ZCZC WBC829

URNT11 KMIA 020433

NDRA3 1805 ELENA OB 07 KMIA

97779 03454 20294 84649 14600 16054 1716/ /2502

ZCZC WBC830

URNT11 KMIA 020435

NDRA3 1805 ELENA OB 08 KMIA

97779 04044 20299 8601/ 15400 13084 1717/ /2411

ZCZC WBC840

URNT11 KMIA 020551

NDRA3 1805 ELENA OB 10 KMIA

97779 05004 20282 8610/ 15000 22051 1713/ /2478

AFTER 0300Z INE CORRECTIONS FOR RECCO AND ASDL

DATA ONLY LAT 6 MIN/LONG 14 MIN

ZCZC WBC842

URNT11 KMIA 020551 COR

NDRA3 1805 ELENA OB 10 COR KMIA

97779 05004 20282 8610/ 15000 22051 1713/ /2478

ZCZC WBC841

URNT11 KMIA 020600

NDRA3 1805 ELENA OB 11 KMIA

97779 05324 20295 8501/ 14700 16049 17159 /2502

ZCZC WBC859

URNT11 KMIA 020828

NDRA3 1805 ELENA OB 13 KMIA

97779 06314 20291 88348 15100 32032 1616/ /2457

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA3 1805 ELENA

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

CB # 09

A	02/0424	Z	DATE AND TIME OF FIX
B	29 DEG 35 MIN (N)		LATITUDE OF VORTEX FIX
	86 DEG 54 MIN (E)		LONGITUDE OF VORTEX FIX
C	850 MB 1051	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	094 DEG 122	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	360 DEG 020	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	19 956 ext ^{MB}		MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 CI 1784	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 CI 1893	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 CI 27.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C18		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Indicate orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Indicate diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	29 DEG 35 MIN (N)		CONFIRMATION OF FIX: Coordinates and Time
	86 DEG 54 MIN (E)		
	02/0424	Z	
O	1234.8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	513	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXTRAP FROM 5000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3 1805
OB #12

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	02/0601	Z	DATE AND TIME OF FIX
B	29 DEG 41 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	87 DEG 21 MIN E (W)		LONGITUDE OF VORTEX FIX ¹
C	850 MB 1051	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	010 DEG 110	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	330 DEG 014	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	957 ext	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	19 CI 1725	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	21 CI 1863	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	17 CI 26.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C20		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	29 DEG 41 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	87 DEG 21 MIN E (W)		
	02/0601	Z	
O	1234, 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when some): 0 - Surface; 1 - 1500 ft; 6 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	515	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXT FROM 5000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

NOAA 3 1805 ELENA
OB #16

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	02/0742	Z	DATE AND TIME OF FIX
B	29 DEG 58 MIN (N) S		LATITUDE OF VORTEX FIX
	87 DEG 36 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1051	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	271 DEG 110	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	180 DEG 011	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	957 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	17 C 1722	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	20 C 1051	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	18 C 26.0	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C18		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	29 DEG 58 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	87 DEG 36 MIN E (W)		
	02/0742	Z	
O	1234, 8		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	10/10	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	SLP EXT FROM 5000 FT.		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MISSION IDENTIFIER AND OBSERVATION NUMBER

NOAA 3

1805 ELENA
OB#18

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	02/0826	Z	DATE AND TIME OF FIX
B	29 DEG 53 MIN (N) S		LATITUDE OF VORTEX FIX
	88 DEG 00 MIN E (W)		LONGITUDE OF VORTEX FIX
C	700 MB 2723	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A DEG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	160 DEG 120	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	080 DEG 018	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	953 EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	11 CI 3056	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	16 CI 3276	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	08 CI N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	CLOSED WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C18		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM.
N	29 DEG 53 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	88 DEG 00 MIN E (W)		
	02/0826	Z	
O	1234 17		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
F	10 110	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
G	SLP ESTIMATED FROM 10,000 FT		REMARKS

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC860

URNT11 KMIA 020829

NOAA3 1805 ELENA OB 14 KMIA

97779 07034 20275 8744/ 14900 23027 17169 /2498;

ZCZC WBC861

URNT11 KMIA 020830

NOAA3 1805 ELENA OB 15 KMIA

97779 07284 20292 87418 15200 26041 17173 /2417;

ZCZC WBC865

URNT11 KMIA 020913

NOAA3 1805 ELENA OB 17 KMIA

97779 08134 20295 8848/ 29800 32034 1010/ /3066;

ZCZC WBC868

URNT11 KMIA 020933

NOAA3 1805 ELENA OB 19 KMIA

97779 08314 20300 87318 31100 16105 10093 /9///

LAST REPORT OBS 01 THRU 19 TO KMIA, ETA KMIA 02/1022Z;

ZCZC WBC883

URNT11 KMIA 021055

NOAA2 1905 ELENA OB 01 KMIA

97779 09284 20265 81200 38900 18017 03541 /8022

DEPT KMIA 02/0909Z, ETA 29.9N 88.4W AT 02/1110Z;

ZCZC WBC884

URNT11 KMIA 021059

NOAA2 1905 ELENA OB 02 KMIA

97779 10294 20289 85700 54800 18027 55561 /4587;

ZCZC WBC893

URNT11 KMIA 021150

NOAA2 1905 ELENA OB 05 KMIA

97779 11294 20289 88918 29500 26034 09098 /3110;

MISSION IDENTIFIER AND OBSERVATION NUMBER

04

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	02/1109	Z	DATE AND TIME OF FIX
B	30 DEG 12 MIN (N) S		LATITUDE OF VORTEX FIX
B	88 DEG 38 MIN (E) W		LONGITUDE OF VORTEX FIX
C	700 MB 2763	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	180 DEG 102	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	110 DEG 10	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	957 957	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	9 C/ 3000	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	16 C/ 3240	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	9 C/ N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	Closed Wall		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C 20		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	30 DEG 12 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
N	88 DEG 38 MIN (E) W		
N	02/1109	Z	
O	12345/7		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft, 8 - 850 ft, 7 - 700 mb, 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	3 / 3	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS

SFC PRESS EXT FROM 10000 FT
N EDGE OF EYE OVER LAND
Well defined Eye
WEAKER WIND WEST EYE WALL
COAST VISIBLE IN EYE

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes, and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MISSION IDENTIFIER AND OBSERVATION NUMBER

URNT12 KMIA 02/1230

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

NOAA2 1905 ELENA 08 07

A	02/1201	Z	DATE AND TIME OF FIX
B	30 DEG 14 MIN (N) S		LATITUDE OF VORTEX FIX
	88 DEG 50 MIN E (W)		LONGITUDE OF VORTEX FIX
C	700 MB 2796	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	180 DEG 102	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	110 DEG 12	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	959 MB EXT	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	9 @ 2985	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	16 @ 3220	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	9 @ N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	Closed Wall		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C20		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	30 DEG 15 MIN (N) S		CONFIRMATION OF FIX. Coordinates and Time
	88 DEG 51 MIN E (W)		
	02/1201	Z	
O	1234577		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration, 2 - Radar, 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 mb; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 300 mb; 2 - 200 mb; 9 - Other.
P	2 14	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY

REMARKS

SLP EXT FROM 10000
 COAST VSBL INSIDE EYE
 CLR OVRD
 MOST STRONG RAIN BANDS EAST SIDE
 ASDL PSN 2 MI, TOO FAR N 1 MI TOO

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remaining items are transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

ZCZC WBC897
URNT11 KMIA 021207
NOAA2 1905 ELENA OB 03 KMIA
97779 11004 20300 87918 29900 19065 09094 /30645

NNNN

ZCZC WBC899
URNT11 KMIA 021218
NOAA2 1905 ELENA OB 06 KMIA
97779 11564 20299 88818 30200 25048 09118 /30155

ZCZC WBC921
URNT11 KMIA 021218 COR
NOAA2 1905 ELENA OB 06 COR KMIA
97779 11564 20299 88818 30200 25048 09098 /30155

ZCZC WBC925
URNT11 KMIA 021326
NOAA2 1905 ELENA OB 08 KMIA
97779 12344 20297 86818 29200 21054 08073 /31485

ZCZC WBC926
URNT11 KMIA 021327
NOAA2 1905 ELENA OB 09 KMIA
97779 12584 20299 88118 29400 19046 10098 /31065

ZCZC WBC936
URNT11 KMIA 021359
NOAA2 1905 ELENA OB 11 KMIA
97779 13284 20290 88918 29500 23031 09083 /31245

ZCZC WBC940
URNT11 KMIA 021425
NOAA2 1905 ELENA OB 13 KMIA
97779 13584 20301 88418 29400 19047 10108 /31095

MANOP HEADING (PRECEDENCE IMMEDIATE)

MISSION IDENTIFIER AND OBSERVATION NUMBER

URNT 12 KLMIA 02/1322

NOAA 2 1905 ELENA

#10

ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	02/1307	Z	DATE AND TIME OF FIX
B	30 DEG 22 MIN (N) S		LATITUDE OF VORTEX FIX ¹
	89 DEG 10 MIN (E) W		LONGITUDE OF VORTEX FIX ¹
C	7 NMA	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	N/A	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	N/A	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	195 DEG 75	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	150 DEG 12	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPO- LATED FROM WITHIN 1500 FT OF SEA SURFACE
I	N/A	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	N/A	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	N/A	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	Closed WALL		EYE CHARACTER: Closed wall, partly defined, open SW, etc.
M	C15		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric, E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09-15-5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM; CO8-14 - Concentric eye, dia- meter inner eye 8 NM, outer eye 14 NM
N	30 DEG 22 MIN (N) S		CONFIRMATION OF FIX: Coordinates and Time
	89 DEG 10 MIN (E) W		
	02/1307	Z	
O	N/A		FIX DETERMINE BY: FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar, 3 - Wind, 4 - Pressure, 5 - Temperature. FIX LEVEL (Indicate surface center if visible, indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	N/A	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q			REMARKS
RADAR FIX. FIX ACCURACY APPROX 10 MI'			

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remain-
der of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate)
fixes.

CHECK SUM REQUIRED IN WESTPAC.

ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

MANOP HEADING (PRECEDENCE IMMEDIATE)

UNNT12 KMIA 02/14/16
NOAA2 1905 ELENA OB 12

MISSION IDENTIFIER AND OBSERVATION NUMBER

ABBREVIATED (DETAILED) VORTEX DATA MESSAGE

A	02/1345	Z	DATE AND TIME OF FIX
B	30 DEG 30 MIN N		LATITUDE OF VORTEX FIX
	89 DEG 18 MIN E		LONGITUDE OF VORTEX FIX
C	N/A	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	11	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	10EG	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	215 DEG 65	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	150 DEG 25	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	N/A	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM WITHIN 1500 FT OF SEA SURFACE
I	11 C	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE OUTSIDE EYE ²
J	11 C	M	MAXIMUM FLIGHT LEVEL TEMP PRESSURE ALTITUDE INSIDE EYE ²
K	11 C	C	DEWPOINT TEMP SEA SURFACE TEMP INSIDE EYE
L	Closed wall		EYE CHARACTER Closed wall, poorly defined, open SW, etc.
M	C 15		EYE SHAPE ORIENTATION DIAMETER. Code eye shape as: C - Circular; CO - Concentric; E - Elliptical. Transmit orientation of major axis in tens of degrees, i.e., 01-010 to 190, 17-170 to 350. Transmit diameter in nautical miles. Examples: C8 - Circular eye 8 miles in diameter; E09 15 5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5 NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM
N	DEG / MIN N S		CONFIRMATION OF FIX. Coordinates and Time
	N/A		
	DEG / MIN E W		
	11	Z	
O	11		FIX DETERMINE BY FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500 ft; 8 - 850 ft; 7 - 700 mb; 5 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; 9 - Other.
P	11	NM	NAVIGATION FIX ACCURACY METEOROLOGICAL ACCURACY
Q	RADAR FIX		REMARKS
	MOST OF EYE OVER LAND		
	STRONGEST RAIN BANDS SE side		

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.
CHECK SUM REQUIRED IN WESTPAC.
ABSOLUTE ALTITUDE ALSO REQUIRED IN WESTPAC.

NNNN

ZCZC WBC949

URNT11 KMIA 021507

NOAA2 1905 ELENA OB 14 KMIA

97779 14314 20300 89118 29800 22049 09098 /3071 AT 02/1421Z

RADAR FIX 30DEG 31 MIN N. 89 DEG 27 MIN W. CLOSED EYE 15NM DIA

ZCZC WBC957

URNT11 KMIA 021631

NOAA2 1905 ELENA OB 15 KMIA

97779 14594 20294 89018 29300 22038 09098 /3132

NNNN

ZCZC WBC958

URNT11 KMIA 021632

NOAA2 1905 ELENA OB 16 KMIA

97779 15294 20298 87708 47700 17030 51513 /8025

NNNN

ZCZC WBC959

URNT11 KMIA 021633

NOAA2 1905 ELENA OB 17 KMIA

97779 15594 20286 85400 58000 19021 58771 /45925

NNNN

ZCZC WBC961

URNT11 KMIA 021646

NOAA2 1905 ELENA OB 18 KMIA

97779 16254 20275 83300 64000 21018 62841 /8041

LAST RPT OBS 0118 TO KMIA

NNNN

ZCZC WBC752

URXX KWBC 020011

75202502 245001009

NOAA3 1805 ELENA

2349	2548	08017	00067	"0362	087004	"296	"226
2350	2548	08017	00066	"0361	088005	"295	"227
2351	2548	08017	00065	"0360	169007	"294	"226
2352	2548	08017	00064	"0359	225001	"296	"225
2353	2548	08017	00062	"0357	086005	"297	"225
2355	2548	08017	00061	"0370	046000	"274	"206
2356	2548	08017	00064	"0359	142008	"294	"224
2357	2548	08017	00066	"0361	143008	"294	"225
2358	2548	08017	00066	"0361	143008	"293	"225
2359	2548	08017	00067	"0362	110009	"292	"226
0000	2548	08015	00190	"0104	130009	"287	"224
0001	2548	08011	00522	0227	128010	"276	"221
0002	2548	08007	01387	1092	122012	"249	"214
0003	2548	08004	02611	"0038	113009	"227	"169
0004	2552	08004	03346	"0287	129015	"210	"150
0005	2555	08007	04037	"0297	134016	"199	"126
0006	2558	08010	04973	"0359	150018	"176	"122
0007	2558	08014	05616	"0346	153013	"161	"103
0008	2557	08019	06629	"0402	147009	"148	"055

NNNN

ON RUNWAY
KL

464NN 83E

URXX KWBC 292005

75201058 241193508

NORR2 0905 ELENA

1904	2548	08017	00063	"5148	083011	"328	"257
1905	2547	08017	00061	"5147	033004	"310	"253
1906	2547	08017	00068	"5153	339000	"305	"253
1907	2547	08017	00068	"5154	341000	"310	"253
1910	2547	08017	00086	"5172	144012	"300	"257
1911	2546	08014	00714	"0159	145015	"267	"247
1912	2547	08011	01606	"0199	135013	"242	"227
1913	2550	08009	02660	"0212	161015	"219	"201
1914	2553	08009	03950	"0181	151017	"192	"181
1915	2557	08010	05027	"1448	176021	"176	"136
1916	2559	08015	05652	"2417	160019	"161	"126
1917	2600	08019	06525	"0134	168021	"147	"120
1918	2602	08024	07157	0492	161020	"139	"090
1919	2603	08028	07772	2303	165021	"126	"094
1920	2605	08033	08504	5479	164022	"111	"085
1921	2607	08037	09325	"0746	154020	"091	"065
1922	2610	08041	10119	"0806	163024	"080	"042
1923	2611	08045	10391	"0661	154026	"071	"071
1924	2611	08050	10799	"0656	158023	"068	"038
1925	2611	08055	11728	"0698	149025	"051	"009
1926	2611	08100	12205	"0722	154028	"039	036
1927	2611	08105	12646	"0741	159030	"030	081
1928	2611	08110	12922	"0752	155028	"028	041
1929	2611	08115	13359	"0767	158029	"021	034
1930	2611	08120	13735	"0782	157031	"011	087
1931	2610	08125	14045	"0802	160032	"010	076
1932	2609	08130	14462	"0823	159021	"006	"004
1933	2609	08135	14851	"0833	155031	"000	094

NNNN

NNNN

ZCZC WBC920

URXX KWBC 292007

75201058 241200508

NOARR2 0905 ELENA

1934	2609	08140	15273	"0853	155029	007	083
1935	2609	08145	15792	"0895	163029	015	104
1936	2609	08150	16176	"0927	163029	027	119
1937	2609	08154	16551	"0956	155027	034	097
1938	2609	08159	16820	"0970	154030	027	160
1939	2609	08204	17096	"0984	153030	035	137
1940	2609	08208	17365	"0992	156033	036	143
1941	2609	08213	17594	"0999	152031	043	165
1942	2609	08218	17839	"1010	160031	045	168
1943	2609	08222	17992	"1017	161032	049	164
1944	2609	08227	18041	"1023	161032	048	191
1945	2609	08232	18045	"1024	157033	051	187
1946	2608	08236	18042	"1023	156032	052	178
1947	2608	08241	18035	"1022	153032	052	132
1948	2608	08246	18052	"1016	151029	052	177
1949	2609	08252	18017	"1025	158034	051	142
1950	2611	08257	18018	"1026	161036	046	090
1951	2612	08302	18015	"1022	153037	048	099
1952	2613	08308	18012	"1017	157038	052	098
1954	2615	08318	18003	"1013	155040	052	136
1955	2616	08324	18002	"1013	157042	053	104
1956	2617	08329	18000	"1010	160044	055	143
1957	2619	08334	17997	"1004	160046	053	127
1958	2620	08340	17991	"1000	161047	048	177
1959	2621	08345	17501	"0976	161047	032	100
2000	2622	08351	16281	"0905	162048	019	061
2001	2623	08357	15002	"0815	162049	008	008
2002	2624	08403	13884	"0734	161050	"018	"007
2003	2626	08409	12621	"0667	162050	"045	"021

NNNN

ZCZC WBC926

URXX KWBC 292037

75201058 241203508

NORR2 0905 ELENA

2004	2627	08415	11214	"0583	159048	"060	"043
2005	2628	08420	09961	"0505	161050	"087	"063
2006	2629	08426	08519	"0408	161053	"110	"099
2007	2629	08431	07351	"0348	162051	"129	"122
2008	2630	08436	06357	"0277	157056	"149	"110
2009	2629	08440	05425	"0218	157058	"162	"132
2010	2627	08445	04976	"0190	155059	"170	"140
2011	2626	08449	04973	"0182	153060	"167	"151
2012	2624	08453	04970	"0171	152058	"163	"155
2013	2623	08457	04972	"0164	157060	"166	"163
2014	2621	08501	04970	"0149	161062	"165	"161
2015	2620	08504	04966	"0130	162061	"166	"161
2016	2619	08508	04962	"0116	161061	"167	"167
2017	2617	08512	04961	"0094	166064	"169	"169
2018	2617	08516	04957	"0069	167061	"168	"168
2019	2616	08521	04967	"0056	165062	"166	"166
2020	2615	08525	04954	"0042	166062	"164	"164
2021	2615	08529	04951	"0018	167059	"168	"168
2022	2614	08533	04952	0002	172056	"172	"169
2023	2613	08537	04954	0022	174057	"170	"168
2024	2613	08541	04949	0042	172056	"174	"170
2025	2613	08545	04947	0065	176056	"177	"177
2026	2612	08550	04943	0093	174056	"177	"177
2027	2612	08554	04943	0122	170053	"177	"177
2028	2612	08558	04945	0153	171050	"183	"183
2029	2612	08603	04936	0188	170049	"185	"185
2030	2612	08607	04941	0220	173045	"184	"183
2031	2611	08612	04953	0261	182046	"183	"183
2032	2612	08616	04955	0307	185043	"188	"188
2033	2613	08620	05217	0352	176040	"187	"187

NNNN

1-221

ZCZC WBC936

URXX KWBC 292107

75201058 241210508

NOAA2 0905 ELENA

2034	2613	08625	05220	0391	181023	"186	"186
2035	2613	08629	05227	0422	274013	"193	"193
2036	2613	08633	05310	0395	002028	"192	"187
2037	2616	08633	05342	0390	048032	"191	"180
2038	2614	08630	05326	0451	348016	"198	"186
2039	2610	08629	05318	0387	287017	"188	"188
2040	2606	08628	05319	0331	265028	"191	"191
2041	2602	08626	05323	0281	260039	"188	"188
2042	2559	08624	05264	0228	247041	"183	"181
2043	2555	08625	05275	0211	262046	"184	"174
2044	2557	08627	05156	0224	255035	"189	"178
2045	2601	08627	05148	0262	258046	"185	"185
2046	2605	08628	05250	0302	259035	"189	"189
2047	2609	08629	05267	0355	257029	"190	"190
2048	2613	08629	05320	0412	245023	"190	"190
2049	2616	08631	05384	0440	075016	"198	"190
2050	2617	08636	05388	0355	032028	"190	"180
2051	2617	08641	05261	0299	012031	"193	"180
2052	2616	08645	05225	0246	009033	"186	"186
2053	2616	08650	05131	0207	008034	"187	"187
2054	2616	08655	05141	0167	007037	"186	"176
2055	2616	08659	05143	0137	005038	"186	"174
2056	2616	08703	05123	0112	004037	"179	"179
2057	2616	08708	05060	0093	011039	"177	"177
2058	2616	08712	05058	0063	011042	"176	"176
2059	2616	08717	05060	0033	006037	"176	"176
2100	2616	08722	04957	0016	010042	"175	"175
2101	2616	08726	04960	"0006	008037	"178	"175
2102	2616	08731	04956	"0026	004033	"182	"165
2103	2616	08735	04958	"0041	004032	"179	"153

NNNN

ZCZC WBC938

URXX KWBC 292138

75201058 241213508

NDARR2 0905 ELENA

2104	2616	08739	04956	"0057	009036	"176	"176
2105	2616	08744	04865	"0062	015031	"179	"175
2106	2616	08748	04864	"0077	013031	"178	"161
2107	2616	08753	04867	"0089	012028	"173	"173
2108	2616	08757	04867	"0099	010027	"175	"167
2109	2616	08802	04861	"0109	009028	"170	"170
2110	2616	08806	04865	"0117	004025	"176	"156
2111	2617	08810	04856	"0131	013028	"184	"155
2112	2616	08815	04859	"0138	016029	"184	"137
2113	2616	08819	04864	"0146	011027	"181	"142
2114	2616	08824	04847	"0169	037020	"179	"160
2115	2612	08824	04851	"0172	018033	"174	"174
2116	2609	08820	04862	"0144	355029	"173	"173
2117	2607	08816	04770	"0137	353029	"179	"179
2118	2604	08812	04831	"0129	353026	"180	"149
2119	2602	08808	04859	"0121	353028	"182	"142
2120	2559	08805	04869	"0119	345029	"182	"147
2121	2556	08801	04864	"0117	338030	"180	"155
2122	2553	08758	04871	"0109	336029	"178	"168
2123	2550	08754	04862	"0100	330030	"175	"170
2124	2547	08751	04860	"0095	330029	"177	"168
2125	2543	08747	04852	"0094	322032	"173	"173
2126	2540	08744	04865	"0093	319032	"174	"171
2127	2537	08740	04864	"0085	319034	"174	"172
2128	2534	08736	04862	"0080	304036	"172	"172
2129	2531	08733	04856	"0076	298034	"172	"171
2130	2527	08729	04856	"0070	293038	"171	"171
2131	2524	08726	04861	"0071	296039	"179	"163
2132	2521	08722	04868	"0075	287043	"170	"170
2133	2518	08718	04868	"0082	272041	"168	"168

NNNN

ZCZC WBC947

URXX KWBC 292307

75201058 241230508

NDARR2 0905 ELENA

2234	2754	08713	04755	"0150	084046	"180	"151
2235	2751	08711	04750	"0137	084043	"180	"152
2236	2747	08709	04751	"0129	083044	"180	"160
2237	2744	08707	04754	"0116	088049	"177	"164
2238	2740	08706	04748	"0096	090055	"174	"173
2239	2737	08705	04745	"0083	090053	"173	"172
2240	2733	08703	04750	"0066	089054	"171	"171
2241	2730	08702	04752	"0049	087055	"176	"176
2242	2726	08701	04745	"0030	086055	"181	"173
2243	2723	08700	04749	"0012	082058	"183	"166
2244	2719	08759	04748	"0000	085053	"174	"174
2245	2716	08658	04938	0003	085053	"173	"173
2246	2712	08657	05004	0018	082053	"171	"171
2247	2709	08656	04998	0042	080056	"176	"172
2248	2705	08654	04995	0068	074055	"177	"172
2249	2702	08653	05000	0096	072049	"183	"175
2250	2658	08652	05003	0128	071044	"182	"182
2251	2654	08650	04998	0162	073045	"193	"180
2252	2650	08649	04993	0190	079041	"198	"167
2253	2646	08648	04994	0218	073043	"194	"179
2254	2643	08646	04996	0248	066042	"206	"175
2255	2639	08645	05188	0275	065043	"201	"174
2256	2636	08643	05312	0318	061042	"199	"187
2257	2632	08641	05307	0363	063033	"208	"174
2258	2629	08639	05309	0413	062030	"200	"188
2259	2625	08637	05305	0473	044014	"199	"191
2300	2622	08634	05305	0445	247026	"193	"193
2301	2619	08632	05314	0366	238039	"183	"183
2302	2615	08629	05244	0307	234045	"180	"180
2303	2612	08627	05162	0255	235045	"186	"181

NNNN

NNNN

ZCZC WBC951

URXX KWBC 292337

75201058 241233508

NOAA2 0905 ELENA

2304	2608	08625	05171	0215	232041	"185	"185
2305	2605	08623	05163	0174	230051	"171	"171
2306	2602	08621	05168	0133	228055	"176	"176
2307	2559	08619	05165	0098	230054	"172	"172
2308	2556	08616	05016	0085	222057	"167	"167
2309	2553	08614	04959	0056	221056	"175	"173
2310	2550	08612	04971	0027	223051	"173	"164
2311	2547	08610	04971	"0002	225058	"176	"169
2312	2543	08608	04971	"0024	220056	"167	"162
2313	2540	08606	04967	"0045	225054	"172	"172
2314	2537	08604	04960	"0060	214056	"165	"165
2315	2534	08602	04902	"0067	216053	"171	"171
2316	2531	08600	04860	"0087	211061	"167	"167
2317	2528	08558	04863	"0108	214060	"166	"166
2318	2525	08556	04847	"0116	217058	"168	"168
2319	2522	08554	04862	"0130	216058	"168	"149
2320	2519	08552	04857	"0145	217055	"165	"158
2321	2516	08550	04864	"0156	216053	"170	"147
2322	2513	08548	04860	"0161	220048	"171	"169
2323	2510	08546	04837	"0174	220048	"163	"163
2324	2507	08544	04781	"0182	221050	"166	"143
2325	2505	08541	04766	"0213	227043	"163	"125
2326	2509	08538	04776	"0198	218052	"161	"129
2327	2514	08536	04786	"0189	217051	"165	"148
2328	2518	08535	04780	"0182	214046	"167	"160
2329	2523	08535	04781	"0177	214045	"167	"164
2330	2528	08534	04786	"0166	206049	"167	"167
2331	2532	08533	04788	"0163	205056	"173	"159
2332	2537	08531	04779	"0159	206057	"174	"156
2333	2542	08530	04787	"0154	204057	"176	"161

NNNN

NNNN

ZCZC WBC968

URXX KMBC 300007

75201058 242000509

NORR2 0905 ELENA

2334	2546	08529	04780	"0151	203059	"174	"154
2335	2551	08527	04781	"0149	200061	"170	"153
2336	2556	08526	04781	"0143	196062	"171	"158
2337	2601	08524	04782	"0139	198064	"173	"158
2338	2606	08523	04777	"0139	196066	"176	"159
2339	2611	08523	04780	"0138	194065	"167	"167
2340	2616	08522	04775	"0135	187068	"171	"171
2341	2621	08521	04782	"0137	182070	"174	"166
2342	2626	08521	04776	"0141	180064	"176	"161
2343	2631	08520	04773	"0143	180063	"172	"166
2344	2636	08520	04777	"0142	173063	"169	"161
2345	2641	08519	04783	"0145	168064	"170	"159
2346	2646	08517	04824	"0154	168063	"176	"149
2347	2651	08516	04810	"0161	165063	"181	"149
2348	2655	08514	04807	"0169	165062	"176	"153
2349	2700	08513	04806	"0173	164062	"177	"146
2350	2705	08512	04790	"0181	161059	"177	"138
2351	2709	08510	04789	"0186	162056	"174	"148
2352	2714	08511	04764	"0206	166067	"178	"140
2353	2713	08515	04782	"0178	155057	"180	"131
2354	2711	08519	04792	"0169	155059	"181	"144
2355	2709	08523	04790	"0157	155060	"176	"145
2356	2707	08526	04790	"0143	156060	"179	"144
2357	2705	08530	04798	"0131	152061	"178	"149
2358	2704	08535	04814	"0117	154064	"174	"154
2359	2702	08539	04820	"0102	152064	"174	"169
0000	2701	08543	04910	"0087	151065	"173	"164
0001	2659	08547	04910	"0064	156063	"175	"153
0002	2657	08551	04916	"0036	155069	"168	"168
0003	2656	08555	04918	"0015	159067	"168	"168

NNNN

NNNN

ZCZC WBC977

URXX KWBC 300037

75201058 242003509

NORR2 0905 ELENA

0004	2654	08559	04911	0010	152072	"170	"170
0005	2653	08603	04909	0042	152074	"168	"168
0006	2651	08607	04912	0079	151072	"175	"167
0007	2649	08611	05069	0109	150074	"174	"169
0008	2647	08615	05085	0156	151075	"177	"177
0009	2645	08618	05176	0213	162066	"176	"176
0010	2644	08622	05182	0246	146052	"184	"184
0011	2642	08626	05246	0307	149054	"189	"176
0012	2640	08630	05293	0372	151046	"189	"189
0013	2638	08633	05332	0441	151036	"200	"197
0014	2635	08637	05471	0479	147011	"210	"180
0015	2633	08640	05472	0452	297019	"191	"185
0016	2631	08644	05412	0401	302033	"188	"188
0017	2629	08648	05331	0350	302043	"185	"185
0018	2627	08651	05338	0300	305044	"185	"185
0019	2625	08655	05209	0263	305044	"187	"182
0020	2624	08658	05222	0227	302041	"186	"181
0021	2622	08702	05125	0201	304046	"185	"185
0022	2620	08705	05124	0175	306048	"185	"176
0023	2618	08709	05122	0145	303049	"184	"165
0024	2616	08712	05073	0123	303050	"177	"168
0025	2614	08715	05078	0103	304048	"182	"170
0026	2612	08719	05026	0085	304048	"187	"157
0027	2611	08722	05026	0060	307047	"180	"163
0028	2609	08726	05029	0036	309047	"178	"172
0029	2607	08729	04985	0016	305048	"176	"172
0030	2605	08733	04978	"0005	304045	"181	"171
0031	2603	08736	04982	"0024	306045	"179	"167
0032	2601	08740	04944	"0038	309044	"180	"160
0033	2559	08743	04896	"0051	306042	"179	"160

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ZCZC WBC994

URXX KWBC 300108

75201058 242010509

NORR2 0905 ELENA

0034	2558	08747	04896	"0063	306038	"181	"161
0035	2556	08750	04900	"0075	304035	"173	"173
0036	2554	08754	04898	"0090	302035	"176	"163
0037	2552	08758	04894	"0099	302036	"181	"158
0038	2550	08801	04874	"0112	304034	"182	"152
0039	2548	08805	04832	"0120	305033	"181	"153
0040	2547	08809	04828	"0131	301031	"184	"153
0041	2543	08808	04810	"0142	313032	"182	"158
0042	2540	08805	04833	"0135	301035	"176	"167
0043	2537	08801	04832	"0136	296035	"176	"164
0044	2534	08758	04834	"0137	288036	"177	"177
0045	2530	08754	04825	"0137	284034	"178	"163
0046	2527	08751	04830	"0142	279035	"182	"155
0047	2524	08747	04827	"0144	276037	"184	"147
0048	2521	08743	04827	"0144	277036	"183	"155
0049	2518	08740	04827	"0147	270035	"184	"155
0050	2517	08736	04802	"0167	280044	"180	"163
0051	2520	08733	04826	"0138	266039	"183	"151
0052	2524	08731	04826	"0129	265041	"181	"157
0053	2528	08728	04816	"0124	266049	"187	"144
0054	2532	08727	04884	"0106	264042	"183	"148
0055	2536	08726	04832	"0090	262045	"169	"169
0056	2540	08725	04823	"0082	269047	"175	"153
0057	2544	08724	04824	"0066	270049	"173	"173
0058	2548	08724	04901	"0056	272048	"174	"174
0059	2552	08722	04912	"0041	273049	"176	"169
0100	2556	08721	04918	"0025	273050	"182	"158
0101	2600	08719	04950	"0004	274054	"180	"177
0102	2604	08717	04946	0023	276052	"178	"172
0103	2607	08716	04966	0043	279052	"178	"167

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ZCZC WBC005

URXX KWBC 300137

75201058 242013509

NDAA2 0905 ELENA

0104	2611	08714	05050	0064	279053	"173	"173
0105	2615	08713	05046	0092	281054	"182	"180
0106	2619	08711	05041	0123	286044	"185	"185
0107	2623	08709	05097	0147	289043	"183	"183
0108	2626	08707	05102	0186	283043	"192	"168
0109	2630	08705	05198	0208	290041	"187	"178
0110	2634	08703	05202	0238	292032	"196	"173
0111	2637	08701	05198	0267	295036	"192	"175
0112	2641	08659	05256	0296	304023	"199	"171
0113	2644	08657	05265	0334	314027	"193	"177
0114	2647	08654	05292	0376	339016	"199	"184
0115	2649	08651	05296	0415	336014	"196	"191
0116	2652	08648	05371	0437	083013	"205	"184
0117	2656	08646	05373	0442	103029	"214	"181
0118	2659	08645	05371	0419	106048	"206	"189
0119	2702	08643	05373	0375	111061	"196	"196
0120	2705	08641	05310	0322	118064	"195	"181
0121	2708	08639	05263	0276	124065	"192	"168
0122	2711	08637	05199	0225	125068	"194	"183
0123	2715	08634	05199	0176	127073	"183	"183
0124	2718	08632	05115	0140	131085	"179	"177
0125	2722	08630	05094	0087	132083	"166	"166
0126	2725	08628	05056	0045	132079	"175	"154
0127	2729	08625	04947	0022	135079	"180	"159
0128	2732	08623	04956	"0000	138076	"180	"159
0129	2736	08621	04956	"0034	135072	"186	"160
0130	2740	08618	04958	"0056	131069	"191	"152
0131	2743	08616	04856	"0068	133069	"189	"152
0132	2747	08614	04841	"0085	136067	"185	"155
0133	2750	08611	04841	"0110	138068	"186	"156

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ZCZC WBC013

URXX KWBC 300207

75201058 242020509

NORR2 0905 ELENA

0134	2754	08609	04842	"0130	136065	"187	"146
0135	2757	08606	04839	"0150	138064	"179	"150
0136	2801	08604	04788	"0167	140063	"173	"150
0137	2805	08601	04776	"0186	137059	"174	"144
0138	2808	08559	04774	"0202	139060	"169	"152
0139	2812	08557	04773	"0218	137051	"166	"160
0140	2816	08556	04624	"0252	140043	"172	"156
0141	2816	08601	04657	"0230	125048	"173	"156
0142	2816	08606	04822	"0224	129051	"169	"152
0143	2814	08611	04778	"0214	121051	"163	"163
0144	2813	08616	04771	"0208	122053	"163	"162
0145	2812	08621	04763	"0202	119053	"163	"159
0146	2811	08626	04765	"0189	111053	"165	"165
0147	2810	08631	04772	"0178	112053	"167	"167
0148	2809	08636	04772	"0172	107053	"164	"164
0149	2808	08641	04769	"0165	103056	"168	"168
0150	2807	08646	04776	"0156	103052	"167	"167
0151	2806	08652	04764	"0156	104053	"175	"162
0152	2806	08657	04761	"0147	105055	"181	"155
0153	2805	08702	04766	"0141	096055	"172	"161
0154	2804	08708	04864	"0142	098058	"168	"160
0155	2803	08713	04882	"0144	088058	"166	"166
0156	2802	08719	04879	"0142	091055	"166	"166
0157	2802	08724	04834	"0142	090054	"169	"165
0158	2801	08730	04832	"0141	081053	"167	"167
0159	2800	08735	04838	"0139	080054	"168	"168
0200	2759	08740	04843	"0147	075051	"171	"169
0201	2758	08746	04838	"0147	073050	"177	"163
0202	2757	08751	04843	"0148	075049	"181	"158
0203	2756	08756	04837	"0152	073047	"183	"154

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ZCZC WRC020

URXX KWBC 300237

75201058 242023509

NOAA2 0905 ELENA

0204	2755	08802	04840	"0158	067044	"179	"156
0205	2755	08807	04842	"0160	062046	"182	"163
0206	2754	08812	04837	"0169	061044	"176	"163
0207	2753	08817	04836	"0169	060040	"175	"158
0208	2752	08822	04841	"0179	053041	"174	"157
0209	2752	08827	04835	"0187	059038	"179	"153
0210	2750	08832	04820	"0210	066044	"177	"171
0211	2747	08830	04829	"0185	048036	"174	"155
0212	2745	08826	04837	"0171	053038	"175	"160
0213	2743	08822	04837	"0165	054038	"173	"166
0214	2741	08819	04833	"0153	051038	"177	"165
0215	2740	08815	04835	"0143	049037	"177	"164
0216	2738	08811	04838	"0131	048038	"174	"166
0217	2736	08808	04835	"0119	054037	"183	"163
0218	2734	08804	04836	"0103	053034	"177	"169
0219	2732	08801	04835	"0091	054038	"173	"172
0220	2730	08757	04837	"0080	052040	"175	"175
0221	2728	08754	04842	"0061	052039	"173	"173
0222	2725	08751	04936	"0046	047040	"178	"167
0223	2723	08748	04939	"0022	049037	"176	"168
0224	2720	08744	04937	"0003	048039	"175	"168
0225	2717	08741	04944	0019	039042	"174	"172
0226	2715	08738	04946	0050	045039	"178	"178
0227	2713	08735	05049	0076	041045	"180	"180
0228	2711	08731	05048	0111	031044	"177	"177
0229	2709	08727	05046	0151	031041	"182	"182
0230	2707	08724	05048	0193	021040	"190	"185
0231	2706	08720	05051	0239	020036	"186	"186
0232	2705	08716	05188	0284	014037	"197	"180
0233	2704	08711	05334	0344	022028	"193	"193

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NNNN

ZCZC WBC024

URXX KWBC 300307

75201058 242030509

NOAA2 0905 ELENA

0234	2701	08708	05305	0404	025023	"200	"183
0235	2659	08705	05350	0453	008017	"200	"195
0236	2658	08701	05425	0466	288004	"199	"199
0237	2656	08657	05432	0458	229011	"192	"192
0238	2654	08653	05433	0430	236030	"195	"194
0239	2652	08649	05384	0385	228035	"191	"182
0240	2651	08645	05302	0341	227045	"190	"190
0241	2649	08641	05305	0302	232048	"192	"185
0242	2647	08637	05279	0256	227059	"182	"182
0243	2644	08633	05145	0206	220060	"184	"184
0244	2643	08629	05113	0152	221059	"180	"180
0245	2640	08625	05104	0141	209068	"174	"174
0246	2639	08621	05125	0112	191080	"161	"161
0247	2637	08618	05065	0048	196074	"160	"160
0248	2635	08615	05054	0029	188077	"160	"160
0249	2634	08611	04952	0007	195070	"165	"165
0250	2632	08608	04961	"0017	192065	"165	"165
0251	2630	08605	04952	"0052	194069	"161	"161
0252	2628	08602	04817	"0070	192064	"169	"165
0253	2627	08558	04814	"0097	186068	"169	"155
0254	2625	08555	04812	"0105	188068	"172	"155
0255	2624	08552	04811	"0125	187067	"172	"146
0256	2622	08549	04816	"0139	193065	"175	"143
0257	2620	08546	04822	"0157	188060	"174	"155
0258	2618	08542	04817	"0165	191057	"168	"157
0259	2617	08539	04821	"0174	194056	"172	"161
0300	2615	08536	04770	"0184	188052	"180	"149
0301	2613	08532	04745	"0191	188047	"177	"170
0302	2611	08529	04775	"0207	181060	"165	"165
0303	2610	08526	04792	"0235	179048	"163	"163

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ZCZC WBC034

URXX KWBC 300407

75201058 242040509

NOARR2 0905 ELENA

0334	2556	08244	20960	"1335	186020	116	241
0335	2556	08238	20959	"1335	195020	110	228
0336	2557	08232	20958	"1337	196020	111	292
0337	2557	08226	20957	"1340	190018	112	215
0338	2558	08220	20956	"1341	186015	111	160
0339	2558	08213	20954	"1341	191016	114	137
0340	2559	08207	20952	"1341	176019	114	127
0341	2559	08201	20951	"1347	181019	110	126
0342	2600	08155	20951	"1348	185016	113	127
0343	2601	08149	20950	"1348	182019	109	137
0344	2601	08143	20950	"1325	189018	108	143
0345	2602	08137	20942	"1318	198018	108	108
0346	2602	08131	19737	"1246	198019	092	145
0347	2602	08124	18417	"1156	194024	070	129
0348	2602	08118	17008	"1081	183025	035	125
0349	2602	08112	15535	"0985	186022	011	087
0350	2602	08106	14012	"0905	170022	"013	130
0351	2601	08100	12270	"0833	177019	"038	028
0352	2600	08055	10668	"0726	183025	"070	"009
0353	2558	08051	09047	"0646	182021	"100	"041
0354	2555	08047	07246	"0560	176019	"140	"064
0355	2553	08043	05703	"0594	170018	"167	"097
0356	2551	08040	04254	"0397	150018	"196	"128
0357	2552	08036	03194	"0334	158024	"209	"183
0358	2552	08033	02769	"0616	158022	"216	"197
0359	2552	08029	02569	"0336	153022	"221	"196
0400	2552	08027	01814	"0264	147020	"238	"211
0401	2552	08024	01121	"0223	152018	"251	"240
0402	2553	08021	00444	"0184	153016	"269	"269
0403	2553	08019	00089	"1247	167009	"283	"283

NNNN

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ZCZC WBC088

URXX KWBC 301112

75202502 242111009

NQAA3 1005 ELENA

1039	2649	08825	04929	"0018	306038	"181	"171
1040	2645	08821	04934	"0020	300038	"180	"167
1041	2642	08817	04935	"0021	293036	"182	"171
1042	2639	08814	04927	"0028	284040	"184	"164
1043	2636	08810	04935	"0034	283042	"83	"166
1044	2634	08806	04934	"0040	278041	"178	"159
1045	2631	08802	04931	"0045	269042	"180	"156
1046	2628	08759	04932	"0048	271042	"182	"156
1047	2626	08755	04931	"0063	266043	"181	"152
1048	2624	08751	04931	"0069	266045	"184	"138
1049	2621	08747	04930	"0077	260044	"185	"138
1050	2618	08743	04937	"0086	254042	"179	"163
1051	2615	08740	04934	"0094	248043	"184	"152
1052	2612	08736	04938	"0097	249041	"183	"150
1053	2609	08735	04948	"0079	251043	"179	"146
1054	2611	08737	04947	"0080	251040	"176	"160
1055	2615	08737	04932	"0098	255044	"184	"155
1056	2619	08736	04929	"0083	248048	"180	"156
1057	2623	08735	04938	"0069	249048	"183	"154
1058	2627	08734	04935	"0054	252051	"188	"141
1059	2631	08732	04936	"0035	254052	"176	"156
1100	2635	08732	04933	"0019	255052	"178	"163
1101	2639	08731	04928	"0000	254053	"181	"166
1102	2644	08730	04934	0023	253057	"182	"173
1103	2648	08730	04927	0049	252059	"181	"170
1104	2652	08730	04935	0077	251059	"184	"177
1105	2656	08730	04932	0116	251064	"188	"161
1106	2700	08730	04937	0154	253066	"186	"165
1107	2704	08730	04940	0195	257065	"188	"164
1108	2708	08729	04930	0236	258069	"195	"157

NNNN

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ZCZC WBC094

URXX KWBC 301142

75202502 242114009

NDARR3 1005 ELENA

04927

1109	2712	08729	04930	0263	262068	"183	"171
1110	2716	08729	04929	0311	264069	"188	"176
1111	2720	08729	04940	0371	262071	"190	"181
1112	2724	08729	04936	0433	269070	"208	"168
1113	2728	08729	04928	0501	279063	"206	"190
1114	2732	08730	04939	0559	285053	"206	"185
1115	2736	08730	04930	0609	288051	"238	"170
1116	2739	08730	04937	0662	305034	"222	"183
1117	2742	08727	04922	0694	297032	"226	"170
1118	2746	08725	04929	0741	293028	"219	"185
1119	2749	08722	04931	0773	269014	"221	"183
1120	2753	08722	04932	0794	114012	"225	"188
1121	2757	08721	04900	0718	080045	"228	"174
1122	2759	08718	04928	0685	109042	"233	"171
1123	2802	08715	0497	0621	113061	"208	"191
1124	2805	08713	04937	0546	120059	"209	"181
1125	2808	08710	04928	0472	126056	"199	"180
1126	2810	08707	04920	0433	128073	"187	"187
1127	2813	08704	04955	0377	124087	"184	"184
1128	2815	08702	04922	0328	128078	"192	"183
1129	2818	08659	04925	0259	131078	"179	"177
1130	2820	08656	04937	0204	133083	"176	"172
1131	2823	08652	04936	0154	132079	"175	"173
1132	2825	08649	04925	0119	129079	"15	"168
1133	2827	08646	04927	0089	128068	"182	"168
1134	2830	08643	04929	0056	127066	"172	"166
1135	2832	08640	04929	0029	128073	"167	"162
1136	2835	08637	04934	0001	129068	"171	"159
1137	2838	08634	04930	"0025	126071	"173	"135
1138	2840	08631	04933	"0044	125066	"177	"147

KC

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ZCZC WBC099

URXX KWBC 301212

75202502 242121009

NORR3 1005 ELENA

1139	2843	08627	04939	"0058	123058	"174	"162
1140	2845	08624	04945	"0079	131048	"169	"168
1141	2848	08622	04933	"0096	139063	"170	"154
1142	2851	08619	04934	"0107	140061	"172	"145
1143	2854	08617	04932	"0117	143061	"167	"145
1144	2856	08614	04940	"0116	144064	"170	"141
1145	2855	08611	04938	"0130	143063	"168	"135
1146	2853	08608	04939	"0131	142060	"175	"117
1147	2850	08606	05877	"0412	141060	"164	"096
1148	2849	08604	07579	"0274	128045	"139	"080
1149	2847	08601	08892	"0566	130041	"117	"066
1150	2845	08558	10399	"0429	141048	"087	"049
1151	2844	08556	11469	"0487	147049	"065	"041
1152	2842	08553	12486	"0573	164044	"045	"033
1153	2841	08550	13290	"0600	163044	"020	"018
1154	2839	08548	14248	"0648	165045	"009	"009
1155	2837	08544	15153	"0724	171041	"000	005
1156	2836	08541	15966	"0749	173037	011	017
1157	2834	08538	16678	"0810	183038	023	030
1158	2832	08535	17452	"0860	182033	034	044
1159	2829	08532	18230	"0916	180031	047	060
1200	2827	08528	18883	"0947	183029	054	072
1201	2825	08524	19094	"0965	185035	062	076
1202	2822	08521	19093	"0977	190035	063	078
1203	2819	08517	19091	"0983	192037	062	074
1204	2816	08513	19087	"0987	199035	062	074
1205	2813	08508	19085	"0985	197040	060	079
1206	2810	08504	19081	"0989	194046	062	083
1207	2807	08500	19081	"0994	19002	065	084
1208	2805	08456	19082	"0996	185039	065	084

NNNN

190042

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NNNN

ZCZC WBC106

URXX KWBC 301242

752025C2 242124009

NORR3 1005 ELENA

1209	2802	08452	19078	"1000	184037	067	083
1210	2759	08447	19083	"1007	177035	065	081
1211	2756	08443	19072	"1014	183031	064	084
1212	2754	08438	19083	"1013	180031	062	084
1213	2752	08433	19080	"1019	185027	060	083
1214	2750	08429	19078	"1028	187024	060	083
1215	2748	08424	19078	"1027	197020	060	078
1216	2746	08419	19079	"1024	196021	057	077
1217	2744	08414	19077	"1029	188023	059	079
1218	2742	08409	19074	"1031	195024	061	079
1219	2740	08405	19077	"1036	198026	061	079
1220	2737	08400	19075	"1048	193028	060	080
1221	2735	08355	19072	"1039	177037	075	082
1222	2733	08350	19074	"1039	164029	089	096
1223	2731	08346	19071	"1044	149038	100	127
1224	2729	08341	19071	"1060	156035	098	150
1225	2727	08337	19071	"1067	166034	086	158
1226	2725	08333	19073	"1071	171033	081	157
1227	2723	08329	19076	"1078	172031	079	163
1228	2721	08325	19077	"1080	171032	081	166
1229	2718	08320	19077	"1086	171030	081	170
1230	2716	08316	19075	"1090	174030	084	171
1231	2714	08312	19074	"1091	172029	082	166
1232	2712	08307	19050	"1118	166035	092	147
1233	2710	08302	19075	"1097	174028	087	132
1234	2708	08258	19075	"1098	181028	081	154
1235	2706	08253	19073	"1099	182027	086	156
1236	2704	08248	19072	"1102	182026	082	154
1237	2702	08244	19070	"1104	182025	082	157
1238	2700	08239	19072	"1108	184025	086	158

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NNNN

ZCZC WBC125

URXX KWBC 301336

75201058 242133508

NOAA2 1105 ELENA

1318	0000	00000	00113	"0133	187001	"293	"261
1319	0000	00000	00113	"0133	186001	"292	"261
1320	0000	00000	00112	"0132	187001	"289	"259
1321	0000	00000	00113	"0132	179000	"289	"261
1322	0000	00000	00110	"0129	173000	"291	"262
1323	2548	08017	00106	"0125	088009	"292	"260
1324	2548	08017	00108	"0127	349001	"293	"260
1325	2548	08017	00110	"0130	325001	"288	"260
1326	2548	08017	00110	"0130	323001	"295	"260
1327	2548	08017	00109	"0129	335008	"288	"261
1328	2548	08016	00038	0019	152009	"278	"256
1329	2548	08013	00864	0845	161010	"257	"244
1330	2551	08012	01419	"0216	160016	"241	"235
1331	2555	08012	02273	"0273	172017	"228	"201
1332	2558	08014	02363	"0296	173024	"220	"215
1333	2559	08019	02371	"0284	159019	"219	"213

NNNN

465NN 83E

NEW FLIGHT

I.D. = 1105

NOAA2

NNNN

ZCZC WBC312

URXX KWBC 311006

75201058 243100508

NORR2 1305 ELENA

0934	2644	08131	05984	"0224	194040	"157	"053
0935	2646	08135	05987	"0203	195041	"157	"044
0936	2649	08139	05983	"0195	196044	"153	"101
0937	2651	08143	05985	"0193	198045	"153	"111
0938	2653	08147	05977	"0175	199048	"154	"081
0939	2655	08151	05980	"0168	198048	"145	"120
0940	2657	08156	05705	"0168	195046	"153	"097
0944	2707	08211	05008	"0115	204055	"167	"115
0952	2729	08243	05063	"0092	203056	"158	"158
0953	2732	08247	05118	"0096	199061	"154	"143
0954	2734	08252	05123	"0091	197063	"162	"110
0955	2737	08256	05118	"0084	192064	"166	"106
0956	2739	08301	05009	"0060	200056	"163	"161
0957	2741	08305	05011	"0056	200060	"168	"148
0958	2743	08310	05017	"0040	202067	"164	"157
0959	2745	08313	05015	"0019	207064	"164	"158
1000	2747	08318	05013	0004	210068	"163	"162
1001	2750	08322	05005	0022	212063	"165	"165
1002	2751	08325	05025	0044	208065	"163	"163
1003	2753	08328	04988	0037	213073	"164	"164

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466NN 83E

NNNN

ZCZC WBC317

URXX KWBC 311037

75201058 243103508

NOARR2 1305 ELENA

1004	2754	08332	05005	0054	213068	"167	"163
1005	2755	08335	05013	0075	213071	"167	"167
1006	2757	08338	05005	0090	214072	"163	"163
1007	2759	08341	05008	0111	214069	"166	"166
1008	2801	08344	05003	0120	211069	"165	"165
1009	2803	08347	05010	0141	217066	"169	"166
1010	2804	08350	04999	0163	213066	"168	"155
1011	2806	08354	05005	0190	214070	"166	"161
1012	2808	08357	05001	0219	218074	"165	"160
1013	2810	08400	05007	0249	220077	"167	"157
1014	2812	08404	05011	0287	218084	"166	"159
1015	2813	08407	05009	0325	216087	"161	"161
1016	2815	08410	05005	0363	214086	"159	"159
1017	2817	08414	05004	0413	214090	"166	"166
1018	2818	08417	05002	0472	212086	"165	"165
1019	2820	08421	05004	0542	216089	"170	"170
1020	2822	08424	04995	0607	220057	"196	"196
1021	2824	08427	05003	0637	220050	"199	"190
1022	2826	08431	05006	0671	219046	"200	"174
1023	2829	08434	05002	0695	219043	"194	"189
1024	2831	08437	04998	0742	233037	"195	"195
1025	2835	08440	04985	0767	246024	"198	"198
1026	2838	08442	04996	0788	250016	"201	"201
1027	2842	08443	05010	0802	278002	"205	"194
1028	2845	08443	05003	0777	079010	"207	"190
1029	2849	08443	04998	0746	079015	"208	"195
1030	2854	08443	04999	0704	083022	"208	"189
1031	2858	08443	04994	0668	083026	"205	"193
1032	2902	08444	04997	0635	085031	"200	"192
1033	2906	08444	04996	0593	085034	"194	"192

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NNNN

ZCZC NRC321

URXX KWBC 311108

75201058 243110508

NOAA2 1305 ELENA

1034	2910	08444	04993	0546	083038	"186	"186
1035	2914	08444	04996	0456	096044	"181	"181
1036	2918	08444	04994	0426	090054	"175	"175
1037	2922	08444	04992	0370	093052	"173	"173
1038	2925	08447	04971	0312	095056	"172	"172
1039	2922	08452	04991	0381	075063	"167	"167
1040	2919	08457	05001	0390	069065	"171	"171
1041	2917	08501	05006	0401	061072	"172	"172
1042	2914	08507	05013	0406	051074	"172	"172
1043	2912	08512	05015	0393	047078	"171	"171
1044	2910	08517	05011	0369	042074	"170	"170
1045	2908	08523	05011	0345	040077	"165	"165
1046	2906	08528	05019	0306	036069	"177	"169
1047	2904	08533	05029	0261	022068	"163	"163
1048	2902	08538	05010	0243	023066	"167	"167
1049	2900	08543	05008	0205	015068	"163	"163
1050	2858	08548	05006	0174	013069	"156	"156
1051	2857	08553	05011	0138	017076	"146	"146
1052	2855	08558	05011	0102	015070	"146	"146
1053	2853	08602	05004	0084	015065	"147	"147
1054	2852	08607	05004	0055	014068	"149	"145
1055	2850	08612	05009	0036	013057	"144	"144
1056	2848	08616	05012	0017	015058	"152	"141
1057	2846	08621	05009	0006	016049	"153	"144
1058	2845	08625	05012	"0004	011045	"149	"149
1059	2843	08630	05008	"0018	009041	"166	"135
1100	2840	08631	04994	"0045	011049	"170	"124
1101	2840	08627	05011	"0015	006040	"163	"143
1102	2840	08623	05016	"0004	006044	"148	"148
1103	2840	08619	05004	0003	013055	"158	"139

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NNNN

ZCZC WBC330

URXX KWBC 311137

75201058 243113509

NOARR2 1305 ELENA

1104	2840	08615	05005	0013	010056	"144	"144
1105	2840	08612	05018	0023	006056	"144	"144
1106	2840	08607	05014	0039	003063	"145	"145
1107	2840	08603	05021	0061	354061	"153	"149
1108	2840	08559	05004	0075	358062	"148	"148
1109	2840	08554	05011	0093	355065	"146	"146
1110	2840	08550	04992	0124	000073	"147	"147
1111	2840	08546	05005	0163	355070	"152	"152
1112	2840	08541	05000	0195	351070	"157	"157
1113	2840	08537	05006	0235	355067	"160	"160
1114	2840	08533	05000	0276	355062	"170	"170
1115	2840	08528	05002	0319	356063	"186	"168
1116	2840	08524	05000	0357	353065	"198	"166
1117	2840	08520	04999	0400	352066	"198	"165
1118	2840	08515	05005	0441	353065	"192	"173
1119	2840	08511	05002	0496	356071	"197	"181
1120	2840	08507	04995	0544	357065	"199	"177
1121	2840	08503	04999	0586	355057	"196	"186
1122	2841	08459	05001	0620	348051	"203	"184
1123	2841	08454	04992	0654	346046	"211	"185
1124	2841	08450	05008	0683	348038	"202	"191
1125	2842	08445	04995	0725	356036	"204	"190
1126	2842	08441	04992	0757	359026	"208	"190
1127	2843	08436	04993	0784	349017	"203	"201
1128	2843	08432	04995	0791	332007	"200	"197
1129	2844	08428	05022	0814	203009	"202	"195
1130	2840	08426	05001	0809	223011	"201	"201
1131	2837	08427	04999	0809	248023	"202	"200
1132	2833	08427	05005	0793	257037	"207	"193
1133	2829	08427	04999	0744	261047	"206	"192

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ZCZC WBC336

URXX KWBC 311207

75201058 243120509

NORR2 1305 ELENA

1134	2825	08427	04998	0699	261050	"198	"192
1135	2821	08427	04997	0652	260060	"194	"194
1136	2817	08428	04993	0602	255063	"191	"190
1137	2814	08428	04994	0553	259070	"184	"184
1138	2810	08428	04992	0505	262075	"181	"181
1139	2807	08428	04989	0458	262074	"178	"178
1140	2803	08428	04991	0405	262077	"169	"169
1141	2800	08427	04993	0353	258084	"157	"157
1142	2757	08427	04991	0307	257082	"156	"156
1143	2754	08427	04988	0263	259080	"157	"157
1144	2750	08427	04991	0225	257079	"154	"154
1145	2747	08427	04985	0191	260083	"165	"147
1146	2744	08427	04989	0159	261080	"170	"138
1147	2741	08427	04992	0123	260075	"165	"140
1148	2737	08428	04992	0094	263072	"163	"145
1149	2733	08428	04994	0067	261065	"162	"157
1150	2730	08428	04989	0042	265061	"156	"156
1151	2726	08428	04987	0029	262057	"154	"154
1152	2722	08428	04995	0007	260058	"152	"152
1153	2718	08428	04993	"0008	255057	"154	"153
1154	2715	08428	04990	"0020	253055	"154	"154
1155	2711	08428	04991	"0032	249054	"157	"156
1156	2707	08428	04995	"0041	249051	"155	"153
1157	2704	08429	04990	"0052	251051	"155	"154
1158	2700	08429	04989	"0057	251052	"163	"152
1159	2657	08429	04988	"0067	255050	"177	"137
1200	2653	08429	04990	"0083	253047	"157	"155
1201	2650	08429	04994	"0093	252046	"166	"151
1202	2646	08429	04995	"0098	255043	"168	"150
1203	2643	08429	04983	"0117	251039	"161	"161

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END OF LAST
COMPOSITE

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NNNN

ZCZC WBC342

URXX KWBC 311237

75201058 243123509

NORR2 1305 ELENA

1204	2641	08426	04976	"0125	260043	"166	"157
1205	2644	08421	04989	"0121	254048	"165	"162
1206	2648	08419	04992	"0102	247047	"161	"161
1207	2651	08417	04989	"0097	247047	"166	"161
1208	2655	08415	04989	"0083	248048	"169	"152
1209	2659	08413	04988	"0078	244050	"158	"157
1210	2703	08411	04991	"0067	248053	"163	"156
1211	2707	08408	04991	"0058	245054	"168	"152
1212	2712	08405	04983	"0047	244055	"164	"153
1213	2716	08403	04983	"0040	242057	"162	"153
1214	2720	08400	04991	"0023	243059	"155	"155
1215	2724	08357	04986	"0015	241060	"154	"154
1216	2728	08354	04989	"0000	238061	"154	"154
1217	2732	08351	04987	0015	237064	"157	"157
1218	2736	08348	04982	0030	235066	"158	"156
1219	2740	08346	04987	0043	230066	"162	"151
1220	2745	08343	04986	0059	227067	"162	"152
1221	2749	08340	04985	0069	224069	"161	"152
1222	2753	08337	04983	0086	221072	"158	"154
1223	2758	08334	04982	0095	220074	"156	"153
1224	2802	08331	04983	0106	216075	"158	"151
1225	2807	08327	04985	0117	214077	"160	"150
1226	2811	08324	04980	0122	211078	"157	"152
1227	2816	08321	04985	0123	206076	"157	"151
1228	2821	08318	04987	0125	202075	"158	"150
1229	2825	08315	04988	0119	200076	"163	"146
1230	2830	08312	04983	0111	197073	"163	"148
1231	2834	08309	04981	0100	196073	"167	"141
1232	2838	08305	04987	0089	197073	"164	"147
1233	2843	08302	04980	0080	191068	"164	"164

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ZCZC WBC361

URXX KWBC 311307

75201058 243130509

NDARR2 1305 ELENA

1234	2847	08300	04955	0062	196080	"166	"166
1235	2849	08304	04978	0077	189071	"170	"148
1236	2848	08308	04992	0107	187071	"165	"160
1237	2848	08312	04985	0125	187078	"163	"145
1238	2847	08316	04984	0163	187083	"161	"145
1239	2847	08320	04984	0199	187078	"171	"149
1240	2846	08324	04964	0238	189082	"165	"160
1241	2846	08327	04993	0289	188087	"161	"161
1242	2846	08331	04977	0311	192088	"159	"159
1243	2846	08335	04981	0344	190090	"159	"159
1244	2846	08339	04974	0390	186090	"165	"164
1245	2846	08343	04981	0441	185090	"163	"163
1246	2846	08347	04980	0500	190094	"162	"162
1247	2846	08351	04970	0566	194092	"163	"163
1248	2846	08355	04971	0613	193075	"181	"181
1249	2846	08359	04977	0665	199066	"191	"191
1250	2847	08403	04973	0718	201056	"193	"193
1251	2848	08407	04975	0753	210039	"198	"198
1252	2849	08411	04979	0782	204030	"202	"193
1253	2851	08415	04985	0791	210017	"198	"195
1254	2853	08419	04978	0796	219008	"204	"201
1255	2854	08423	04970	0782	057006	"208	"193
1256	2854	08428	04977	0777	028015	"203	"198
1257	2854	08432	04979	0764	030031	"212	"193
1258	2854	08437	04979	0731	023042	"205	"196
1259	2854	08442	04975	0634	017063	"199	"195
1300	2853	08447	04977	0609	012071	"189	"188
1301	2853	08451	04973	0550	014076	"180	"180
1302	2853	08456	04976	0480	013074	"175	"175
1303	2853	08501	04978	0415	013072	"177	"173

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NNNN

ZCZC WBC371

URXX KMBC 311338

75201058 243133509

NOAA2 1305 ELENA

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1304	2853	08505	04981	0353	008068	"172	"172
1305	2853	08510	04979	0312	005060	"179	"165
1306	2854	08514	04973	0274	004058	"183	"160
1307	2854	08519	04968	0240	006059	"181	"160
1308	2854	08523	04978	0206	010061	"167	"161
1309	2854	08528	04983	0174	016075	"148	"148
1310	2854	08533	04973	0146	012074	"144	"144
1311	2854	08537	04976	0119	011073	"141	"141
1312	2854	08542	04973	0099	012070	"140	"140
1313	2854	08546	04957	0067	013070	"150	"146
1314	2854	08551	04972	0037	003066	"152	"142
1315	2854	08555	04974	0019	003060	"149	"135
1316	2854	08559	04974	0002	007058	"153	"132
1317	2854	08604	04976	"0014	006057	"150	"118
1318	2854	08608	04974	"0026	009053	"143	"125
1319	2854	08613	04975	"0040	008048	"138	"135
1320	2854	08617	04961	"0058	005046	"143	"143
1321	2854	08622	04974	"0065	007047	"152	"127
1322	2853	08626	04956	"0094	012042	"151	"128
1323	2848	08627	04966	"0089	007049	"145	"137
1324	2844	08626	04977	"0078	003044	"147	"133
1325	2840	08624	04972	"0073	003047	"148	"131
1326	2835	08623	04974	"0076	000047	"149	"129
1327	2831	08621	04971	"0080	351048	"149	"133
1328	2827	08620	04972	"0076	353047	"147	"135
1329	2823	08618	04974	"0068	348045	"147	"138
1330	2818	08616	04972	"0070	347049	"149	"133
1331	2814	08614	04973	"0072	344045	"150	"137
1332	2810	08613	04973	"0072	338044	"145	"145
1333	2805	08611	04967	"0074	338046	"152	"137

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ZCZC WBC377

URXX KWBC 311414

75201058 243140509

NOAA2 1305 ELENA

1334	2801	08609	04970	"0073	339044	"159	"127
1335	2756	08608	04972	"0073	337047	"152	"133
1336	2752	08606	04970	"0077	341048	"164	"126
1337	2748	08604	04971	"0078	339046	"157	"130
1338	2743	08603	04974	"0078	337045	"157	"126
1339	2739	08601	04972	"0085	330044	"155	"130
1340	2735	08600	04968	"0091	326044	"156	"127
1341	2732	08556	04953	"0112	324049	"158	"129
1342	2735	08553	04969	"0081	321045	"150	"137
1343	2737	08550	04972	"0072	325045	"151	"133
1344	2740	08547	04969	"0065	325046	"156	"133
1345	2742	08544	04972	"0055	325047	"153	"127
1346	2745	08541	04972	"0046	324051	"153	"129
1347	2747	08538	04974	"0034	325057	"142	"141
1348	2750	08535	04968	"0020	325060	"142	"134
1349	2752	08532	04971	"0003	324060	"146	"136
1350	2755	08529	04971	0017	322066	"148	"144
1351	2757	08525	04963	0034	318060	"150	"146
1352	2759	08522	04969	0062	322058	"143	"143
1353	2802	08519	04967	0079	326061	"145	"145
1354	2804	08516	04966	0104	325063	"146	"146
1355	2807	08513	04969	0127	325064	"147	"147
1356	2809	08510	04961	0147	323065	"150	"150
1357	2812	08507	04965	0167	323065	"150	"150
1358	2815	08504	04964	0194	324066	"151	"151
1359	2817	08501	04961	0222	326064	"163	"163
1400	2820	08458	04972	0261	323064	"166	"166
1401	2822	08455	04970	0302	322066	"168	"168
1402	2825	08451	04964	0351	326066	"172	"172
1403	2827	08448	04962	0399	329070	"172	"172

NNNN

KL

465NN 83E

NNNN

ZCZC WBC381

URXX KWBC 311437

75201058 243143509

NQAA2 1305 ELENA

1404	2830	08445	04970	0458	330072	"174	"174
1405	2832	08442	04968	0512	328070	"178	"178
1406	2834	08439	04978	0578	333070	"193	"179
1407	2836	08436	04964	0641	330061	"200	"186
1408	2838	08432	04971	0693	327050	"203	"192
1409	2840	08428	04968	0735	326042	"203	"203
1410	2842	08425	04965	0762	334026	"202	"202
1411	2844	08421	04977	0769	338016	"204	"200
1412	2845	08417	04968	0767	337009	"207	"189
1413	2846	08413	04970	0768	290004	"208	"182
1414	2848	08408	04955	0760	201004	"224	"157
1415	2851	08404	04961	0760	164014	"217	"179
1416	2853	08400	04960	0741	163029	"201	"201
1417	2856	08357	04960	0706	158045	"196	"196
1418	2858	08353	04961	0664	161059	"190	"190
1419	2900	08349	04960	0597	158066	"183	"183
1420	2903	08346	04963	0530	156068	"180	"180
1421	2905	08342	04955	0465	150072	"175	"171
1422	2907	08338	04955	0421	155083	"175	"170
1423	2909	08335	04969	0379	152081	"165	"165
1424	2912	08331	04957	0324	159081	"163	"163
1425	2914	08327	04961	0263	157075	"160	"160
1426	2916	08323	04969	0218	155073	"162	"162
1427	2920	08322	04930	0173	161070	"164	"164
1428	2923	08327	04963	0199	149068	"162	"162
1429	2926	08332	04959	0191	145064	"160	"160
1430	2929	08337	04955	0206	132066	"164	"164
1431	2932	08341	04942	0209	131066	"165	"165
1432	2934	08346	04965	0207	123058	"160	"160
1433	2937	08351	04965	0199	117065	"163	"163

KL

NNNN

NNNN

ZCZC WBC386

URXX KWBC 311507

75201058 243150509

NOAA2 1305 ELENA

1434	2940	08355	04961	0193	110062	"162	"162
1435	2943	08400	04959	0183	111063	"165	"163
1436	2946	08405	04965	0149	105061	"161	"161
1437	2943	08409	04937	0170	089068	"162	"162
1438	2940	08408	04968	0213	095067	"165	"165
1439	2936	08408	04961	0252	091069	"166	"166
1440	2933	08408	04959	0271	092070	"162	"162
1441	2929	08408	04965	0319	088070	"164	"164
1442	2925	08408	04963	0360	089072	"170	"170
1443	2921	08408	04939	0427	088064	"177	"177
1444	2917	08408	04976	0471	100063	"175	"175
1445	2913	08408	04961	0541	095061	"181	"181
1446	2910	08408	04965	0608	091051	"187	"187
1447	2905	08408	04955	0685	087041	"198	"197
1448	2901	08408	04960	0728	075030	"211	"196
1449	2857	08407	04958	0769	070017	"214	"197
1450	2853	08405	04960	0787	056004	"207	"196
1451	2850	08405	04981	0800	272009	"214	"177
1452	2847	08408	04962	0778	311009	"212	"166
1453	2845	08412	04960	0766	298012	"216	"162
1454	2842	08415	04963	0756	310019	"212	"177
1455	2840	08419	04958	0734	323036	"213	"180
1456	2837	08422	04953	0693	325045	"200	"187
1457	2835	08426	04961	0639	332049	"199	"183
1458	2832	08429	04961	0601	333053	"213	"177
1459	2831	08433	04965	0548	330056	"192	"184
1500	2829	08436	04964	0491	326059	"189	"185
1501	2826	08440	04959	0433	320060	"191	"180
1502	2824	08444	04961	0373	324062	"179	"179
1503	2821	08447	04956	0320	336073	"166	"166

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KC

NNNN

ZCZC WBC392

URXX KWBC 311538

75201058 243153509

NOAA2 1305 ELENA

1504	2819	08451	04958	0242	331073	"159	"159
1505	2816	08454	04945	0235	326070	"155	"155
1506	2814	08457	04954	0209	325067	"153	"153
1507	2812	08501	04952	0175	324064	"152	"152
1508	2809	08504	04957	0143	327062	"151	"151
1509	2807	08508	04948	0118	328059	"153	"153
1510	2804	08511	04955	0088	323059	"147	"147
1511	2802	08515	04954	0057	319065	"151	"139
1512	2759	08519	04951	0034	320063	"146	"136
1513	2757	08522	04954	0017	317062	"149	"142
1514	2755	08525	04953	"0004	311056	"144	"144
1515	2752	08529	04953	"0017	312053	"143	"138
1516	2750	08532	04955	"0031	316049	"141	"141
1517	2747	08535	04959	"0049	319048	"145	"134
1518	2745	08538	04960	"0060	327047	"148	"139
1519	2743	08542	04963	"0073	322043	"143	"143
1520	2741	08545	04957	"0086	319041	"151	"129
1521	2738	08548	04959	"0095	325041	"154	"128
1522	2736	08552	04958	"0102	327039	"145	"145
1523	2733	08555	04961	"0112	327044	"144	"140
1524	2731	08558	04951	"0141	330038	"148	"133
1525	2728	08554	04944	"0127	323044	"150	"130
1526	2727	08550	04957	"0123	315040	"152	"131
1527	2727	08545	04960	"0116	320040	"148	"130
1528	2726	08540	04955	"0112	313039	"143	"129
1529	2726	08535	04956	"0106	312042	"144	"131
1530	2725	08530	04955	"0097	306045	"147	"143
1531	2725	08525	04957	"0092	306049	"149	"141
1532	2724	08520	04958	"0088	302048	"145	"137
1533	2723	08515	04959	"0084	299047	"148	"129

NNNN

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END OF LAST
COMPOSITE

1203Z - 1533Z

NNNN

ZCZC WBC397

URXX KWBC 311607

75201058 243160510

NORR2 1305 ELENA

1534	2722	08510	04960	"0076	297048	"147	"135
1535	2722	08505	04961	"0072	295049	"145	"138
1536	2721	08500	04957	"0068	294050	"146	"136
1537	2720	08455	04960	"0065	292053	"147	"140
1538	2718	08450	04953	"0060	292053	"154	"141
1539	2718	08444	04955	"0059	287051	"153	"142
1540	2717	08440	04955	"0056	281051	"155	"144
1541	2716	08434	04953	"0054	278055	"155	"145
1542	2715	08429	04955	"0052	278057	"150	"147
1543	2715	08424	04954	"0054	281053	"154	"147
1544	2714	08418	04959	"0053	280056	"156	"145
1545	2713	08413	04953	"0052	281056	"154	"148
1546	2712	08408	04956	"0055	280058	"152	"145
1547	2711	08403	04958	"0061	273061	"146	"146
1548	2711	08358	04964	"0067	268058	"150	"142
1549	2710	08352	04953	"0077	261052	"150	"134
1550	2709	08347	04960	"0085	258050	"159	"133
1551	2708	08342	04959	"0089	251054	"160	"135
1552	2707	08337	04954	"0095	254054	"163	"131
1553	2706	08332	04958	"0101	250053	"160	"135
1554	2705	08327	04958	"0109	245050	"152	"150
1555	2704	08322	04955	"0113	246048	"154	"153
1556	2703	08317	04952	"0117	250050	"156	"148
1557	2702	08312	04957	"0123	246049	"159	"141
1558	2701	08307	04955	"0133	240045	"157	"151
1559	2702	08302	04939	"0162	241048	"156	"153
1600	2705	08302	04938	"0134	235050	"159	"148
1601	2709	08303	04952	"0119	236047	"158	"151
1602	2712	08305	04953	"0103	241047	"160	"152
1603	2716	08307	04956	"0089	242047	"159	"157

NNNN

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NNNN

ZCZC WBC399

URXX KWBC 311637

75201058 243163510

NOAA2 1305 ELENA

1604	2719	08309	04955	"0084	233047	"154	"149
1605	2723	08311	04958	"0075	234050	"153	"147
1606	2726	08313	04953	"0059	234049	"152	"150
1607	2730	08315	04947	"0042	233053	"152	"148
1608	2734	08316	04957	"0023	230059	"151	"142
1609	2739	08317	04956	"0006	227058	"153	"139
1610	2742	08319	04949	0014	232055	"154	"153
1611	2746	08321	04948	0039	231061	"166	"148
1612	2750	08323	04949	0067	225059	"160	"155
1613	2753	08325	04954	0090	228059	"156	"146
1614	2757	08327	04946	0118	225059	"161	"144
1615	2801	08329	04953	0150	224059	"160	"146
1616	2804	08331	04955	0181	223058	"162	"156
1617	2808	08334	04948	0223	230060	"172	"162
1618	2812	08335	04949	0271	226066	"163	"163
1619	2815	08337	04943	0318	229066	"172	"172
1620	2819	08339	04943	0381	225067	"175	"175
1621	2823	08341	04950	0443	220067	"182	"182
1622	2827	08343	04946	0499	221070	"182	"182
1623	2831	08345	04937	0557	223062	"189	"189
1624	2834	08347	04940	0611	215062	"188	"188
1625	2837	08351	04951	0687	211058	"188	"188
1626	2839	08354	04951	0732	208051	"202	"194
1627	2841	08358	04947	0776	219026	"207	"197
1628	2843	08401	04958	0788	248018	"214	"195
1629	2846	08404	04956	0785	225010	"211	"202
1630	2848	08408	04956	0779	353004	"211	"192
1631	2851	08410	04952	0766	049014	"211	"171
1632	2854	08412	04951	0755	039023	"204	"183
1633	2857	08415	04949	0747	029026	"224	"190

NNNN

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NNNN

ZCZC WBC406

URXX KWBC 311707

75201058 243170510

NOHR2 1305 ELENA

1634	2900	08417	04968	0719	026033	"208	"198
1635	2903	08419	04942	0674	027066	"188	"188
1636	2906	08420	04931	0622	032075	"195	"179
1637	2908	08422	04968	0588	043076	"191	"174
1638	2911	08425	04941	0518	047076	"176	"176
1639	2914	08427	04951	0456	049077	"177	"177
1640	2918	08429	04937	0397	054079	"171	"171
1641	2920	08432	04932	0323	054070	"178	"166
1642	2918	08438	04944	0313	046072	"177	"165
1643	2916	08443	04949	0295	042069	"176	"162
1644	2914	08448	04948	0271	029069	"182	"156
1645	2911	08453	04944	0225	031061	"184	"157
1646	2909	08458	04946	0197	020062	"183	"153
1647	2907	08503	04948	0176	016058	"183	"147
1648	2905	08508	04951	0155	021061	"160	"160
1649	2903	08513	04951	0140	019056	"158	"158
1650	2901	08518	04945	0122	016053	"154	"154
1651	2900	08522	04940	0106	015053	"158	"156
1652	2858	08527	04960	0080	013050	"166	"153
1653	2857	08532	04950	0059	007049	"172	"152
1654	2855	08536	04945	0039	005051	"160	"159
1655	2853	08541	04952	0019	000047	"157	"157
1656	2851	08545	04942	0009	000045	"155	"155
1657	2849	08549	04947	"0004	355049	"151	"139
1658	2847	08554	04946	"0019	357046	"164	"123
1659	2844	08557	04926	"0049	002051	"165	"121
1700	2843	08553	04943	"0016	354050	"162	"127
1701	2843	08549	04941	"0009	348049	"161	"122

NNNN

NNNN

ZCZC WBC412

URXX KWBC 311735

75201058 243173510

NOAA2 1305 ELENA

1727 2854 08356 04946 0794 339005 "210" "185

1729 H74 8884 00017 "0029 002028 "052" 083

1730 2849 08347 04944 0756 210028 "203" "197

1731 2846 08344 04949 0738 215031 "203" "198

1732 2843 08342 04930 0701 214048 "194" "191

1733 2840 08339 04930 0659 210069 "189" "185

NNNN

2851

08349

END OF LAST COMPOSITE

RUN 1533Z - 1733Z.

04947

+205

LAST RUN OF NOAA2

+183

KL

473NN 83E

NNNN

NOA Z #1

ZCZC WBC530

URXX KWBC 010407

75201058 244040509

NOAA2 1505 ELENA

0334	2606	08033	08108	"0376	211036	"125	053
0335	2607	08037	08610	"0398	207037	"114	071
0336	2609	08041	09120	"0431	210039	"101	074
0337	2611	08046	09839	"0459	207037	"078	"000
0338	2613	08050	10538	"0497	207030	"064	"041
0339	2614	08054	11125	"0526	203031	"061	"020
0340	2615	08059	11877	"0550	201034	"043	"015
0341	2617	08103	12321	"0576	198034	"034	"011
0342	2618	08107	12761	"0579	198034	"029	"011
0343	2620	08112	13436	"0604	201035	"017	"005
0344	2621	08116	13904	"0632	203034	"015	015
0345	2623	08120	14579	"0645	212037	008	037
0346	2624	08125	14975	"0660	208037	012	035
0347	2626	08129	15438	"0683	209037	023	058
0348	2628	08133	15911	"0707	208038	025	059
0349	2630	08137	15990	"0712	212036	018	145
0350	2631	08141	15986	"0719	214036	013	221
0351	2633	08146	15977	"0717	219038	016	278
0352	2635	08151	16146	"0724	212038	017	299
0353	2637	08155	16153	"0754	217039	022	172
0354	2640	08200	16145	"0723	222039	018	111
0355	2642	08204	16140	"0732	216042	028	028
0356	2645	08208	16154	"0734	213039	032	032
0357	2647	08212	16150	"0721	217042	031	035
0358	2649	08216	16147	"0710	220040	028	043
0359	2649	08221	16144	"0729	220040	030	041
0400	2650	08225	16137	"0723	215039	031	039
0401	2651	08230	16139	"0723	217038	030	037
0402	2652	08235	16106	"0724	223035	026	026
0403	2652	08239	15010	"0644	226034	013	013

NNNN

NNNN

ZCZC WBC634

URXX KWBC 011237

75201058 244123509

NDAA2 1505 ELENA

1204	2653	08238	17815	"0833	252037	056	091
1205	2654	08232	18163	"0854	230034	060	071
1206	2653	08227	17994	"0872	224034	059	064
1207	2651	08221	17943	"0869	229028	054	061
1208	2650	08216	17947	"0878	220028	056	079
1209	2649	08210	17945	"0870	224029	055	055
1210	2649	08204	17946	"0865	201034	055	149
1211	2650	08158	17942	"0854	200033	052	203
1212	2650	08152	17944	"0814	204036	048	253
1213	2648	08147	17942	"0821	206034	048	304
1214	2646	08142	17941	"0842	214033	053	315
1215	2644	08137	17946	"0873	217031	052	319
1216	2641	08132	17940	"0860	225029	046	319
1217	2639	08127	17936	"0869	230027	054	318
1218	2635	08123	17939	"0869	231027	054	318
1219	2632	08119	17935	"0872	227026	062	239
1220	2628	08114	17934	"0879	223025	061	098
1221	2625	08110	17932	"0890	204019	059	150
1222	2621	08106	17922	"0890	189016	062	076
1223	2617	08103	17066	"0851	209022	050	073
1224	2614	08100	15328	"0758	201031	024	041
1225	2610	08059	13758	"0682	187024	"004	002
1226	2608	08054	11466	"0582	195031	"039	034
1227	2607	08049	10680	"0542	199030	"057	106
1228	2606	08045	09516	"0496	195029	"082	076
1229	2604	08041	08088	"0411	191027	"116	071
1230	2602	08037	06576	"0328	189026	"152	025
1231	2559	08034	05299	"0288	190024	"174	"070
1232	2558	08030	04243	"0237	186027	"185	"170
1233	2556	08027	03087	"0177	177027	"207	"184

NNNN

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NNNN

ZCZC WBC621

URXX KWBC 011208

75201058 244120509

NORR2 1505 ELENA

1134	2747	08405	05096	0133	261056	"169	"169
1135	2744	08405	05101	0103	260056	"168	"167
1136	2740	08405	05103	0079	259054	"165	"165
1137	2736	08405	04842	0069	259054	"167	"165
1138	2733	08405	04960	0050	258051	"163	"163
1139	2729	08405	05003	0033	259047	"161	"161
1140	2725	08405	05003	0017	261043	"161	"161
1141	2721	08405	04994	0007	258046	"158	"158
1142	2717	08405	04999	"0006	255045	"159	"159
1143	2714	08405	04985	"0018	257045	"161	"161
1144	2710	08405	04963	"0028	254045	"158	"158
1145	2706	08405	04971	"0043	249044	"158	"157
1146	2702	08405	04993	"0059	252045	"155	"148
1147	2659	08405	04858	"0065	256046	"157	"146
1148	2656	08403	04845	"0089	264041	"163	"142
1149	2655	08358	05501	"0101	252046	"148	"138
1150	2655	08353	06758	"0172	250042	"135	"116
1151	2655	08348	07941	"0233	244038	"110	"110
1152	2655	08343	09353	"0322	234037	"085	"079
1153	2655	08338	10779	"0395	240038	"060	"054
1154	2655	08333	12150	"0473	246035	"042	"042
1155	2655	08327	13505	"0534	241033	"019	"019
1156	2654	08322	14727	"0609	243032	002	002
1157	2654	08317	15104	"0641	242031	011	011
1158	2654	08311	15094	"0649	235033	005	015
1159	2653	08305	15098	"0651	244035	"000	037
1200	2653	08300	15097	"0660	241035	002	037
1201	2653	08254	15098	"0668	233034	008	050
1202	2653	08248	16197	"0735	242041	030	061
1203	2653	08243	17280	"0794	244038	037	105

NNNN

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NNNN

ZCZC WBC610

URXX KWBC 011137

75201058 244113509

NOAA2 1505 ELENA

1104	2932	08407	05081	0112	087053	"181	"163
1105	2929	08406	05085	0130	083058	"177	"163
1106	2925	08406	05083	0160	088059	"171	"165
1107	2921	08406	05131	0200	088070	"163	"163
1108	2918	08405	05228	0232	089071	"165	"165
1109	2915	08405	05227	0262	089074	"165	"165
1110	2912	08405	05212	0298	086075	"161	"161
1111	2908	08405	05384	0341	088079	"164	"164
1112	2905	08404	05379	0387	096079	"171	"171
1113	2902	08404	05378	0447	090076	"174	"174
1114	2858	08404	05432	0533	083081	"175	"175
1115	2855	08403	05566	0659	086094	"173	"173
1116	2851	08403	05761	0832	088084	"176	"176
1117	2848	08403	05911	0991	089064	"194	"194
1118	2845	08402	06030	1068	096039	"202	"202
1119	2841	08403	06024	1094	111014	"206	"180
1120	2837	08404	06071	1094	160004	"203	"175
1121	2834	08405	06071	1078	256010	"211	"163
1122	2830	08405	06023	1050	258024	"195	"190
1123	2826	08405	06019	0996	264047	"194	"181
1124	2822	08404	05887	0859	262086	"182	"182
1125	2819	08404	05733	0698	262090	"176	"176
1126	2815	08405	05507	0576	263082	"177	"177
1127	2812	08405	05502	0480	267077	"175	"175
1128	2809	08405	05325	0410	271076	"174	"174
1129	2805	08405	05325	0341	267079	"166	"166
1130	2801	08405	05263	0280	261072	"163	"163
1131	2758	08405	05231	0233	261066	"166	"163
1132	2754	08405	05184	0196	261064	"168	"166
1133	2751	08405	05163	0156	259058	"171	"165

NNNN

NNNN

ZCZC WBC608

URXX KWBC 011108

75201058 244110509

NORR2 1505 ELENA

1039	2838	08301	05108	0119	173062	"160	"160
1040	2838	08257	05027	0091	171051	"162	"157
1041	2842	08257	05049	0086	171054	"162	"162
1042	2845	08300	05029	0099	166062	"163	"163
1043	2849	08303	05036	0113	165065	"164	"164
1044	2853	08306	05032	0125	160065	"162	"162
1045	2856	08309	05041	0133	159064	"164	"164
1046	2900	08312	05068	0135	151063	"161	"161
1047	2904	08316	05074	0142	142065	"159	"159
1048	2907	08319	05077	0142	142063	"161	"161
1049	2911	08323	05075	0148	132065	"161	"161
1050	2914	08327	05091	0160	133066	"159	"159
1051	2917	08332	05100	0166	122070	"162	"162
1052	2920	08336	05148	0165	120064	"162	"162
1053	2923	08340	05160	0163	115067	"162	"162
1054	2926	08343	05145	0143	109062	"161	"161
1055	2930	08347	05125	0128	111060	"168	"164
1056	2933	08350	05090	0098	103055	"169	"165
1057	2937	08354	05080	0081	100053	"169	"167
1058	2940	08357	05072	0071	096060	"174	"153
1059	2943	08400	05077	0066	099064	"166	"154
1100	2945	08404	04979	0037	111059	"166	"163
1101	2943	08407	04989	0058	098062	"168	"164
1102	2939	08407	05087	0079	094058	"169	"159
1103	2936	08407	05087	0095	090059	"167	"166

NNNN

NNNN

ZCZC WBC599

URXX KWBC 011037

75201058 244103510

NDAA2 1505 ELENA

1004	2832	08519	05059	0061	005044	"162	"162
1005	2832	08515	05063	0072	008046	"163	"163
1006	2832	08511	05058	0090	002045	"166	"166
1007	2832	08507	05056	0109	358049	"166	"166
1008	2832	08503	05054	0136	001053	"165	"165
1009	2832	08458	05110	0157	358057	"166	"166
1010	2832	08454	05142	0181	359058	"163	"163
1011	2832	08450	05147	0213	356062	"164	"164
1012	2832	08446	05207	0246	356065	"166	"162
1013	2832	08442	05206	0300	353071	"165	"165
1014	2832	08438	05273	0358	004077	"166	"166
1015	2832	08434	05380	0414	001077	"172	"172
1016	2833	08430	05392	0489	355077	"179	"176
1017	2833	08426	05513	0581	357080	"177	"177
1018	2833	08422	05664	0691	352081	"179	"179
1019	2833	08418	05772	0831	355082	"192	"181
1020	2834	08415	05900	0974	352062	"199	"191
1021	2834	08411	05956	1057	349045	"197	"193
1022	2835	08407	06034	1095	330015	"206	"192
1023	2837	08403	06038	1092	200006	"207	"174
1024	2838	08359	06060	1084	163024	"202	"177
1025	2838	08355	06034	1040	166029	"201	"174
1026	2838	08351	05994	0986	172047	"190	"183
1027	2839	08347	05945	0903	177074	"180	"180
1028	2839	08343	05700	0752	177098	"171	"171
1029	2838	08340	05657	0617	177092	"172	"172
1030	2838	08336	05472	0539	178085	"177	"177
1031	2838	08332	05462	0459	178077	"175	"175
1032	2838	08329	05386	0400	185078	"172	"172
1033	2838	08325	05338	0328	180076	"169	"169

NNNN

ZCZC WBC594

URXX KWBC 011007

75201058 244100510

NORR2 1505 ELENA

0934	2935	08433	05093	0106	075061	"155	"155
0935	2932	08437	05100	0117	070063	"155	"155
0936	2929	08441	05096	0116	069060	"158	"158
0937	2926	08445	05089	0109	060061	"157	"157
0938	2923	08449	05093	0105	057061	"159	"159
0939	2920	08454	05087	0112	052063	"160	"160
0940	2917	08458	05104	0107	047062	"159	"159
0941	2914	08502	05087	0106	046061	"160	"160
0942	2911	08506	05095	0098	041061	"160	"160
0943	2909	08510	05099	0089	041056	"160	"160
0944	2906	08514	05092	0078	041053	"164	"163
0945	2903	08519	05055	0068	037052	"160	"160
0946	2901	08523	05046	0058	037052	"160	"160
0947	2858	08528	05049	0050	034048	"160	"160
0948	2855	08532	05044	0043	032046	"164	"162
0949	2852	08536	05035	0032	030045	"161	"161
0950	2849	08539	04973	0024	025043	"157	"157
0951	2846	08543	04972	0017	025042	"175	"150
0952	2843	08547	04970	0011	019039	"178	"153
0953	2841	08550	04973	0002	014037	"176	"157
0954	2838	08554	04975	"0004	006036	"176	"154
0955	2835	08557	04963	"0028	023033	"163	"162
0956	2833	08552	04957	"0022	359038	"164	"161
0957	2833	08547	04970	"0000	357031	"167	"159
0958	2833	08543	04972	0005	355031	"178	"153
0959	2833	08539	04970	0015	358031	"176	"157
1000	2833	08535	04971	0028	358032	"180	"152
1001	2833	08531	04970	0037	001034	"180	"154
1002	2833	08527	05024	0047	008036	"165	"165
1003	2833	08523	05063	0053	011039	"162	"162

NNNN

NNNN

ZCZC WBC592

URXX KWBC 010938

75201058 244093510

NOARR2 1505 ELENA

0904	2821	08405	05740	0816	267081	"181	"181
0905	2824	08406	05928	0946	264061	"192	"192
0906	2828	08406	05986	1047	263041	"200	"193
0907	2831	08407	06054	1087	264017	"199	"186
0908	2835	08408	06047	1085	069005	"208	"184
0909	2839	08407	06050	1045	077019	"210	"161
0910	2843	08408	06020	0993	086033	"196	"186
0911	2847	08407	05901	0937	085039	"198	"186
0912	2850	08407	05800	0830	083066	"181	"181
0913	2854	08408	05742	0709	081091	"167	"167
0914	2857	08408	05523	0593	086085	"172	"172
0915	2901	08408	05523	0497	088082	"172	"172
0916	2904	08408	05556	0424	087089	"162	"162
0917	2908	08408	05312	0360	088081	"163	"163
0918	2911	08408	05229	0314	086077	"158	"158
0919	2915	08408	05230	0284	092076	"166	"166
0920	2918	08408	05176	0239	089071	"171	"167
0921	2922	08408	05151	0204	092064	"172	"166
0922	2925	08408	05151	0172	094060	"177	"160
0923	2929	08408	05150	0148	090060	"177	"159
0924	2933	08408	05147	0135	098065	"168	"163
0925	2937	08408	05039	0121	098065	"150	"156
0926	2941	08408	05076	0090	086060	"156	"156
0927	2944	08408	05010	0081	091059	"159	"159
0928	2948	08408	04992	0052	096047	"161	"161
0929	2948	08412	04984	0062	094058	"158	"158
0930	2945	08416	04999	0075	088057	"159	"149
0931	2943	08421	04999	0085	087061	"157	"157
0932	2940	08425	05030	0093	083060	"156	"156
0933	2938	08429	05095	0101	083062	"159	"159

NNNN

NNNN

ZCZC WBC588

URXX KWBC 010907

75201058 244090510

NORR2 1505 ELENA

0834	2746	08442	05051	0110	298051	"167	"167
0835	2743	08438	05045	0107	290051	"164	"164
0836	2739	08434	05044	0096	286050	"161	"161
0837	2736	08431	05046	0089	282050	"160	"160
0838	2733	08427	05049	0082	280050	"160	"160
0839	2730	08424	05050	0070	276048	"159	"159
0840	2726	08421	05059	0059	272047	"159	"159
0841	2723	08417	05049	0052	267046	"157	"157
0842	2720	08414	05049	0042	262050	"156	"156
0843	2717	08410	05053	0027	259047	"156	"156
0844	2714	08407	05017	0018	255045	"153	"153
0845	2711	08403	04939	"0007	268044	"160	"151
0846	2715	08401	04945	0021	247049	"155	"155
0847	2719	08401	04981	0039	250048	"156	"156
0848	2722	08401	04989	0053	254050	"158	"158
0849	2726	08401	05071	0063	257052	"161	"161
0850	2730	08400	05061	0078	252052	"160	"160
0851	2734	08400	05061	0097	252053	"159	"159
0852	2738	08400	05066	0118	252057	"160	"160
0853	2742	08401	05078	0144	252058	"162	"162
0854	2745	08401	05101	0168	252060	"163	"163
0855	2749	08402	05164	0194	253066	"161	"161
0856	2753	08403	05164	0229	266065	"169	"169
0857	2756	08403	05232	0271	270068	"172	"172
0858	2800	08403	05310	0305	271071	"171	"171
0859	2803	08404	05314	0359	269070	"172	"172
0900	2807	08404	05342	0418	268073	"173	"173
0901	2810	08404	05385	0496	263078	"176	"176
0902	2814	08405	05506	0583	262083	"178	"178
0903	2817	08405	05630	0691	265084	"180	"180

NNNN

NNNN

ZCZC WBC580

URXX KWBC 010838

75201058 244083510

NDAA2 1505 ELENA

0804	2835	08436	05402	0439	006072	"174	"174
0805	2835	08440	05351	0383	007070	"173	"173
0806	2835	08444	05284	0327	012072	"169	"169
0807	2835	08448	05256	0271	009071	"168	"168
0808	2835	08453	05190	0235	012069	"167	"167
0809	2834	08457	05179	0203	016066	"167	"167
0810	2834	08502	05188	0170	009062	"165	"165
0811	2834	08506	05081	0153	010061	"167	"167
0812	2834	08511	05088	0130	008058	"168	"168
0813	2834	08515	05081	0105	011053	"172	"169
0814	2835	08519	05083	0087	011047	"169	"164
0815	2835	08523	05012	0082	016047	"169	"168
0816	2835	08528	05015	0067	018043	"173	"162
0817	2835	08532	05013	0046	008036	"179	"161
0818	2835	08537	05000	0019	022028	"172	"162
0819	2831	08536	04994	0030	006041	"170	"163
0820	2828	08533	05009	0041	356038	"170	"161
0821	2825	08529	05009	0047	350038	"173	"157
0822	2823	08526	05012	0060	344039	"179	"156
0823	2820	08522	05007	0068	346041	"177	"162
0824	2817	08519	05007	0078	342042	"181	"161
0825	2814	08515	05010	0090	342045	"181	"162
0826	2811	08512	05053	0091	340046	"185	"158
0827	2807	08508	05047	0103	340048	"179	"160
0828	2804	08505	05048	0113	336051	"177	"165
0829	2801	08501	05051	0119	329052	"177	"164
0830	2758	08457	05052	0122	324052	"170	"167
0831	2755	08453	05051	0123	321051	"167	"167
0832	2752	08450	05047	0119	316050	"171	"170
0833	2749	08446	05049	0117	309049	"168	"168

NNNN

ZCZC WBC574

URXX KWBC 010807

75201058 244080510

NOAA2 1505 ELENA

0734	2805	08315	05102	0153	211061	"159	"159
0735	2810	08313	05102	0159	207063	"159	"159
0736	2814	08311	05099	0162	202064	"159	"159
0737	2818	08309	05089	0163	197065	"160	"160
0738	2823	08306	05102	0164	189071	"159	"159
0739	2827	08304	05097	0156	181070	"160	"160
0740	2832	08302	05100	0146	181067	"159	"155
0741	2836	08301	05092	0115	189073	"161	"156
0742	2837	08305	05101	0155	173070	"158	"158
0743	2837	08309	05105	0183	177067	"159	"159
0744	2837	08313	05191	0202	179068	"162	"162
0745	2838	08317	05194	0240	178069	"162	"162
0746	2838	08321	05234	0284	177075	"163	"163
0747	2838	08326	05300	0332	174081	"161	"161
0748	2838	08330	05321	0395	180077	"170	"170
0749	2838	08334	05418	0462	179085	"171	"171
0750	2838	08338	05515	0563	178082	"175	"175
0751	2838	08342	05583	0665	182082	"180	"180
0752	2838	08346	05734	0777	182079	"175	"175
0753	2838	08349	05827	0882	176065	"189	"189
0754	2837	08353	05899	0946	176041	"200	"175
0755	2837	08357	05922	0998	159031	"191	"191
0756	2836	08401	06043	1045	118011	"200	"185
0757	2835	08406	06034	1043	026016	"212	"179
0758	2835	08410	05947	1000	004028	"211	"180
0759	2835	08415	05952	0930	006047	"197	"197
0800	2835	08419	05818	0850	008061	"197	"185
0801	2835	08423	05729	0735	005078	"178	"178
0802	2835	08428	05543	0611	000082	"183	"175
0803	2835	08432	05518	0522	002076	"174	"174

NNNN

NNNN

ZCZC WBC572

URXX KWBC 010742

75201058 244073510

NQAA2 1505 ELENA

0704	2721	08358	05017	0048	254046	"155	"155
0705	2718	08358	05016	0039	249045	"154	"154
0706	2714	08359	05016	0029	253046	"155	"153
0707	2711	08359	04965	0017	255045	"161	"148
0708	2708	08359	04968	0007	255044	"161	"146
0709	2704	08359	04965	"0000	257043	"163	"144
0710	2701	08359	04967	"0012	255042	"165	"144
0711	2658	08359	04972	"0024	252040	"170	"139
0712	2654	08359	04966	"0031	249040	"165	"142
0713	2651	08359	04969	"0047	249041	"169	"144
0714	2648	08359	04956	"0071	247027	"166	"163
0715	2649	08355	04957	"0064	251046	"163	"156
0716	2652	08353	04962	"0049	244045	"162	"162
0717	2656	08350	04918	"0037	243046	"164	"143
0718	2700	08348	04918	"0026	243045	"167	"143
0719	2704	08346	04920	"0021	244047	"168	"143
0720	2708	08344	04919	"0008	243048	"166	"145
0721	2712	08343	04981	0004	242050	"164	"145
0722	2716	08341	04975	0015	239052	"161	"146
0723	2720	08339	04984	0029	240054	"157	"149
0724	2724	08337	04978	0038	238055	"158	"149
0725	2728	08335	04974	0049	233056	"158	"151
0726	2732	08333	04978	0064	231055	"159	"159
0727	2736	08331	05063	0076	230060	"159	"159
0728	2740	08329	05060	0084	231056	"157	"157
0729	2745	08326	05066	0107	232058	"161	"161
0730	2749	08324	05052	0116	229057	"159	"159
0731	2753	08322	05060	0132	222058	"160	"160
0732	2757	08320	05078	0146	220059	"159	"159
0733	2801	08318	05099	0147	214059	"160	"160

NNNN

NNNN

ZCZC WBC568

URXX KWBC 010708

75201058 244070509

NORR2 1505 ELENA

0634	2903	08407	05407	0433	081085	"175	"175
0635	2859	08407	05484	0506	078085	"176	"176
0636	2856	08406	05503	0593	076090	"182	"178
0637	2852	08406	05634	0703	073083	"181	"181
0638	2849	08405	05725	0795	069072	"192	"191
0639	2846	08404	05792	0875	066056	"191	"191
0640	2842	08402	05896	0935	076039	"196	"194
0641	2839	08401	05933	0973	068021	"207	"174
0642	2835	08400	05932	0989	049009	"214	"178
0643	2832	08358	05928	0990	334006	"223	"179
0644	2829	08357	05931	0967	252020	"212	"184
0645	2825	08357	05871	0902	252043	"202	"200
0646	2822	08357	05799	0818	254055	"186	"186
0647	2818	08357	05618	0724	257075	"177	"177
0648	2815	08357	05720	0602	255077	"171	"171
0649	2812	08357	05519	0536	261073	"175	"175
0650	2808	08357	05415	0473	266076	"175	"175
0651	2805	08357	05401	0407	265072	"175	"175
0652	2802	08357	05285	0352	267066	"174	"174
0653	2759	08357	05290	0297	266067	"165	"165
0654	2755	08357	05262	0248	254061	"169	"169
0655	2752	08357	05137	0222	257060	"174	"163
0656	2749	08358	05135	0190	259055	"171	"164
0657	2745	08358	05134	0169	258053	"165	"164
0658	2742	08358	05133	0143	258050	"163	"163
0659	2738	08358	05079	0127	256048	"160	"160
0700	2735	08357	05077	0110	256048	"160	"160
0701	2731	08357	05079	0091	255046	"159	"159
0702	2728	08357	05022	0072	257045	"160	"160
0703	2725	08357	05018	0057	258046	"160	"160

NNNN

NNNN

ZCZC WBC561

URXX KNBC 010638

75201058 244063509

NORR2 1505 ELENA

0604	2841	08318	05286	0288	179070	"169	"169
0605	2841	08314	05161	0250	179066	"168	"168
0606	2841	08310	05148	0195	179059	"163	"163
0607	2846	08308	05155	0177	184072	"165	"165
0608	2850	08310	05158	0190	167073	"163	"163
0609	2854	08314	05159	0198	163069	"166	"166
0610	2858	08317	05156	0213	152069	"160	"160
0611	2901	08321	05157	0214	147070	"165	"165
0612	2905	08325	05157	0218	142070	"168	"168
0613	2909	08329	05156	0219	132074	"168	"168
0614	2912	08333	05162	0215	122068	"161	"161
0615	2916	08337	05156	0205	115070	"164	"164
0616	2919	08341	05153	0195	115072	"163	"163
0617	2923	08345	05156	0174	111071	"168	"166
0618	2927	08348	05077	0144	106064	"173	"164
0619	2930	08352	05059	0130	100063	"176	"161
0620	2934	08355	05057	0131	103064	"186	"158
0621	2937	08358	05064	0112	097062	"172	"161
0622	2941	08402	05050	0101	098059	"164	"164
0623	2941	08406	05052	0069	101068	"173	"159
0624	2938	08407	05053	0102	094063	"172	"159
0625	2935	08407	05120	0125	087065	"162	"162
0626	2931	08407	05123	0136	094070	"168	"165
0627	2927	08407	05105	0151	089069	"173	"163
0628	2924	08407	05110	0185	090072	"180	"165
0629	2920	08407	05153	0218	092074	"180	"170
0630	2917	08407	05212	0262	092080	"179	"175
0631	2913	08407	05266	0285	084078	"181	"169
0632	2910	08407	05262	0331	084083	"176	"175
0633	2906	08407	05333	0384	081084	"169	"169

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ZCZC WBC550

URXX KWBC 010607

75201058 244060509

NOAA2 1505 ELENA

0534	2836	08525	04957	0034	009043	"159	"159
0535	2836	08521	05002	0046	006043	"159	"159
0536	2836	08517	05016	0061	009043	"162	"162
0537	2835	08512	05007	0080	004048	"159	"159
0538	2835	08508	05048	0089	005051	"160	"160
0539	2834	08504	05045	0108	001053	"162	"162
0540	2834	08500	05096	0136	360053	"164	"164
0541	2834	08455	05106	0157	001058	"171	"163
0542	2834	08451	05102	0192	359062	"169	"169
0543	2834	08447	05176	0227	354067	"166	"166
0544	2834	08443	05185	0261	001072	"168	"168
0545	2834	08439	05238	0305	357072	"168	"168
0546	2834	08434	05304	0366	356070	"174	"174
0547	2834	08430	05377	0437	356077	"176	"176
0548	2834	08426	05451	0518	355080	"176	"176
0549	2834	08422	05566	0614	351082	"179	"179
0550	2834	08418	05615	0724	345069	"189	"189
0551	2835	08414	05716	0816	348058	"195	"193
0552	2836	08410	05826	0894	340040	"199	"197
0553	2837	08406	05917	0936	339024	"200	"192
0554	2839	08402	05926	0962	320006	"221	"171
0555	2840	08358	05919	0970	148006	"227	"171
0556	2840	08353	05918	0950	181027	"210	"193
0557	2840	08349	05827	0871	181046	"188	"188
0558	2840	08344	05747	0785	181059	"186	"186
0559	2839	08340	05640	0704	183066	"184	"184
0600	2840	08336	05602	0597	187075	"182	"182
0601	2840	08331	05486	0497	181078	"173	"173
0602	2840	08327	05398	0420	184076	"172	"172
0603	2840	08322	05278	0348	181074	"169	"169

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ZCZC WBC545

URXX KWBC 010538

75201058 244053509

NOAA2 1505 ELENA

0504	2937	08407	05043	0067	084051	"185	"149
0505	2935	08411	05042	0079	082057	"188	"156
0506	2933	08416	05044	0099	083062	"176	"161
0507	2930	08421	05059	0111	082065	"163	"163
0508	2928	08427	05091	0118	078065	"160	"160
0509	2925	08431	05091	0112	068067	"160	"160
0510	2923	08436	05101	0113	066066	"162	"162
0511	2920	08441	05062	0106	060064	"166	"164
0512	2918	08446	05063	0097	055064	"161	"161
0513	2915	08451	05060	0089	052061	"159	"159
0514	2913	08456	05055	0085	049059	"162	"162
0515	2911	08500	05055	0078	047060	"159	"159
0516	2908	08505	05061	0067	046058	"159	"159
0517	2906	08510	05015	0059	042059	"159	"159
0518	2904	08515	05023	0044	039052	"159	"159
0519	2901	08519	05012	0033	034049	"160	"160
0520	2859	08523	04983	0025	036051	"160	"160
0521	2855	08527	04986	0017	032050	"166	"162
0522	2853	08531	04986	0014	032047	"162	"162
0523	2850	08535	04981	"0000	022041	"175	"158
0524	2847	08538	04971	"0003	016038	"178	"158
0525	2845	08542	04977	"0012	013036	"173	"161
0526	2843	08546	04908	"0016	011036	"171	"161
0527	2840	08550	04911	"0022	006040	"175	"154
0528	2837	08550	04897	"0039	013053	"179	"154
0529	2836	08546	04950	"0011	001040	"173	"155
0530	2836	08542	04964	"0010	002037	"171	"161
0531	2836	08538	04959	"0002	004037	"175	"161
0532	2836	08534	04960	0007	003038	"174	"162
0533	2836	08529	04957	0022	011040	"162	"162

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ZCZC WBC540

URXX KWBC 010507

75201058 244050509

NOAA2 1505 ELENA

0434	2800	08348	05213	0264	263065	"166	"166
0435	2804	08348	05303	0296	257068	"168	"167
0436	2808	08348	05307	0351	254072	"170	"170
0437	2811	08348	05345	0416	254075	"174	"174
0438	2815	08349	05419	0493	253074	"176	"176
0439	2819	08350	05536	0583	251075	"181	"181
0440	2822	08351	05636	0682	250078	"182	"182
0441	2825	08353	05705	0791	253065	"188	"182
0442	2829	08353	05763	0870	254049	"198	"185
0443	2832	08355	05865	0927	243034	"212	"180
0444	2836	08357	05889	0948	242011	"218	"178
0445	2839	08358	05879	0934	038015	"226	"165
0446	2843	08358	05853	0908	046023	"216	"172
0447	2846	08358	05855	0870	060040	"197	"181
0448	2850	08358	05774	0818	067053	"190	"181
0449	2853	08358	05656	0732	076064	"184	"182
0450	2857	08358	05629	0650	084069	"177	"177
0451	2900	08358	05552	0546	084081	"177	"173
0452	2904	08357	05448	0466	084076	"175	"175
0453	2907	08357	05369	0399	087077	"175	"175
0454	2911	08357	05271	0342	093081	"169	"169
0455	2915	08357	05248	0291	092079	"169	"167
0456	2918	08357	05248	0244	094081	"164	"164
0457	2922	08357	05188	0210	095075	"161	"161
0458	2926	08357	05085	0177	094065	"164	"164
0459	2930	08357	05048	0138	096064	"171	"169
0500	2933	08357	05049	0118	093058	"171	"163
0501	2937	08357	05046	0090	097052	"186	"152
0502	2940	08358	05049	0042	111037	"190	"147
0503	2940	08402	05044	0058	086054	"188	"151

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ZCZE WBC536

URXX KWBC 010437

75201058 244043509

NOAA2 1505 ELENA

0404	2653	08244	13675	"0576	222037	"008	"008
0405	2653	08249	12748	"0516	233035	"031	"020
0406	2653	08254	11698	"0469	227038	"051	"034
0407	2654	08258	10609	"0390	228039	"076	"046
0408	2655	08302	09858	"0344	234040	"081	"068
0409	2656	08307	08801	"0279	231041	"098	"089
0410	2657	08310	07968	"0230	230042	"110	"106
0411	2657	08314	06991	"0186	231042	"128	"120
0412	2657	08318	06161	"0139	232040	"138	"138
0413	2657	08322	05118	"0087	237039	"160	"149
0414	2657	08326	04920	"0067	238040	"163	"144
0415	2658	08329	04922	"0065	242043	"165	"165
0416	2658	08333	04920	"0065	243042	"167	"146
0417	2659	08336	04923	"0062	246044	"165	"151
0418	2659	08340	04919	"0052	248044	"159	"156
0419	2701	08342	04931	"0045	255037	"158	"158
0420	2705	08342	04921	"0039	252044	"161	"159
0421	2709	08342	04918	"0030	245043	"169	"143
0422	2713	08342	04918	"0018	245045	"164	"146
0423	2717	08342	04935	"0004	246047	"159	"159
0424	2721	08342	04942	0006	247051	"163	"150
0425	2725	08342	04949	0020	247052	"158	"154
0426	2729	08343	04994	0035	248054	"159	"148
0427	2733	08344	05006	0053	247054	"165	"144
0428	160	"160					
0432	2753	08347	05146	0184	259065	"161	"161
0433	2756	08348	05163	0221	267064	"166	"166

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ZCZC WBC873

URXX KWBC 021007

75201058 245100508

MDAA2 1905 ELENA

0934	2646	08133	14791	"0814	189016	009	080
0935	2649	08136	15491	"0834	191019	025	044
0936	2651	08140	15793	"0848	192019	030	084
0937	2654	08144	16102	"0880	203019	033	105
0938	2656	08147	16434	"0866	204020	041	110
0939	2659	08151	16798	"0899	206023	043	118
0940	2701	08155	16995	"0929	202023	049	097
0941	2703	08158	17288	"0932	206022	052	115
0942	2705	08202	17227	"0912	203023	049	137
0943	2708	08206	17583	"0931	203024	051	182
0944	2710	08210	17779	"0946	198023	057	206
0945	2712	08214	18016	"0943	199021	064	232
0946	2715	08217	17965	"0957	195020	064	250
0947	1617	10521	18010	"0953	023105	065	264
0948	2720	08225	18000	"0957	090015	065	286
0949	2723	08229	17992	"0962	199020	065	331
0950	2726	08233	17985	"0964	199019	065	345
0951	2728	08238	17982	"0972	198019	065	349
0952	2730	08242	17981	"0998	195019	065	334
0953	2732	08247	17977	"1012	194016	066	282
0954	2734	08252	17977	"1017	193021	069	166
0955	2736	08256	17976	"1019	197024	070	216
0956	2738	08301	17969	"1017	201024	072	290
0957	2740	08306	17968	"1013	201023	073	245
0958	2742	08311	17972	"1012	201022	072	273
0959	2744	08315	17962	"1010	202026	073	267
1000	2746	08320	17960	"1005	200026	073	279
1001	2748	08324	17960	"1011	195024	072	301
1002	2751	08329	17958	"1012	190023	072	318
1003	2753	08334	17958	"1010	191021	074	329

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ZCZC WBC882

URXX KWBC 021037

75201058 245103508

NORR2 1905 ELENA

1004	2755	08339	17958	"1009	191019	072	333
1005	2757	08343	17951	"1006	189020	072	338
1006	2800	08348	17956	"1008	189021	071	342
1007	2802	08353	17946	"1007	195023	071	071
1008	2804	08358	17959	"0996	191016	070	246
1009	2806	08402	17948	"1001	184022	068	323
1010	2809	08407	17943	"1001	183024	067	229
1011	2811	08411	17946	"0998	180023	066	188
1012	2814	08416	17942	"0997	184024	071	230
1013	2816	08421	17938	"0994	177024	070	217
1014	2818	08426	17943	"0996	172024	068	181
1015	2821	08430	17940	"0988	177022	063	207
1016	2823	08435	17932	"0986	183024	063	226
1017	2825	08440	17932	"0983	184027	065	259
1018	2827	08445	17933	"0980	181027	062	281
1019	2829	08450	17935	"0978	182027	061	277
1020	2831	08455	17780	"0964	181027	055	222
1021	2834	08500	17979	"0974	175028	055	213
1022	2836	08505	17995	"0978	175027	057	143
1023	2838	08510	17997	"0974	173028	054	173
1024	2840	08515	17995	"0972	174030	051	118
1025	2842	08520	17993	"0964	173028	049	203
1026	2844	08525	17994	"0960	165023	052	076
1027	2846	08530	17990	"0957	164023	054	071
1028	2848	08534	17992	"0952	162023	056	067
1029	2852	08539	17984	"0953	181028	057	058
1030	2855	08543	17986	"0963	180027	051	061
1031	2858	08547	17983	"0950	184028	049	060
1032	2901	08551	17985	"0939	188028	050	059
1033	2904	08555	17985	"0937	187023	052	056

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ZCZC WBC889

URXX KWBC 021138

75201058 245113509

NDAA2 1905 ELENA

1104	3006	08813	09987	0084	180086	"085	"085
1105	3007	08817	10184	0207	182078	"094	"094
1106	3008	08822	10297	0390	184090	"119	"114
1107	3009	08826	10468	0581	206087	"142	"100
1108	3011	08831	10637	0706	198034	"139	"122
1109	3012	08835	10649	0719	194011	"148	"090
1110	3012	08840	10645	0726	001012	"154	"097
1111	3009	08844	10628	0619	326044	"121	"121
1112	3006	08848	10413	0435	347052	"103	"103
1113	3003	08852	10216	0248	338054	"100	"100
1114	3000	08855	10086	0088	344050	"101	"101
1115	2955	08856	09959	"0000	324048	"095	"095
1116	2951	08855	09882	"0053	300044	"090	"090
1117	2946	08855	09873	"0097	293042	"089	"089
1118	2942	08854	09877	"0140	279040	"087	"087
1119	2937	08854	09786	"0158	276037	"093	"093
1120	2933	08854	09782	"0177	268039	"091	"091
1121	2929	08853	09790	"0196	264038	"092	"092
1122	2925	08853	09782	"0213	262043	"089	"089
1123	2921	08852	09679	"0227	258041	"091	"091
1124	2917	08852	09655	"0243	261038	"092	"092
1125	2914	08852	09690	"0254	261037	"089	"089
1126	2910	08852	09690	"0265	257037	"089	"089
1127	2906	08851	09691	"0277	259035	"089	"088
1128	2902	08851	09692	"0291	261036	"088	"087
1129	2858	08851	09691	"0304	257034	"089	"086
1130	2854	08851	09688	"0313	257034	"089	"085
1131	2850	08850	09639	"0376	252034	"090	"080
1132	2846	08850	09647	"0333	253033	"091	"076
1133	2842	08849	09646	"0342	256032	"093	"070

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ZCZC WBC896

URXX KWBC 021207

75201058 245120509

NOAA2 1905 ELENA

1134	2838	08849	09641	"0352	252034	"084	"077
1135	2834	08848	09642	"0360	256031	"088	"068
1136	2830	08848	09643	"0368	258032	"085	"072
1137	2829	08850	09675	"0352	289031	"080	"064
1138	2832	08850	09646	"0368	254033	"086	"073
1139	2837	08849	09641	"0372	252035	"087	"070
1140	2841	08849	09583	"0352	248034	"088	"066
1141	2845	08849	09575	"0346	253033	"095	"076
1142	2849	08849	09580	"0331	252034	"089	"083
1143	2854	08849	09609	"0322	252034	"090	"083
1144	2858	08849	09609	"0313	253032	"095	"080
1145	2902	08849	09645	"0299	254035	"087	"087
1146	2906	08849	09644	"0290	256036	"089	"085
1147	2910	08849	09653	"0276	253035	"092	"091
1148	2915	08849	09706	"0265	252036	"088	"088
1149	2919	08849	09710	"0255	250035	"092	"092
1150	2923	08849	09709	"0238	246036	"092	"092
1151	2927	08849	09706	"0220	246041	"092	"092
1152	2931	08849	09734	"0202	243043	"090	"090
1153	2936	08849	09750	"0182	246041	"090	"090
1154	2940	08849	09790	"0155	257038	"091	"091
1155	2944	08849	09799	"0116	252044	"092	"092
1156	2949	08849	09808	"0072	255044	"089	"089
1157	2953	08848	09930	"0006	248048	"088	"088
1158	2957	08848	10036	0069	259046	"093	"093
1159	3002	08848	10149	0181	269048	"093	"093
1200	3006	08849	10272	0362	260050	"101	"101

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ZCZC WBC902

URXX KWBC 021236

75201058 245123509

NOAA2 1905 ELENA

1209	3014	08836	10369	0370	180098	"121	"104
1210	3012	08833	10105	0207	180083	"096	"096
1211	3010	08830	10080	0067	183077	"091	"091
1212	3008	08826	09952	"0008	187077	"087	"087
1213	3007	08823	09911	"0076	187067	"084	"084
1214	3005	08819	09837	"0144	186062	"088	"088
1215	3003	08815	09832	"0162	192058	"091	"091
1216	3001	08812	09806	"0197	197057	"089	"089
1217	2959	08808	09775	"0225	196058	"090	"090
1218	2957	08804	09750	"0248	199054	"094	"094
1219	2955	08800	09692	"0269	199051	"095	"095
1220	2953	08756	09693	"0289	197048	"096	"096
1221	2951	08752	09694	"0305	197047	"093	"093
1222	2949	08748	09694	"0320	195047	"089	"089
1223	2947	08744	09691	"0334	199047	"086	"086
1224	2945	08740	09611	"0335	207047	"082	"082
1225	2943	08736	09606	"0355	196045	"093	"093
1226	2942	08732	09600	"0377	198044	"093	"093
1227	2942	08727	09608	"0387	197042	"086	"086
1228	2942	08722	09602	"0398	196044	"090	"090
1229	2943	08717	09604	"0406	197042	"088	"088
1230	2943	08712	09544	"0443	196043	"085	"082
1231	2944	08707	09547	"0426	197042	"084	"084
1232	2944	08702	09548	"0430	198043	"082	"078
1233	2944	08657	09548	"0441	194042	"085	"074

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URXX KWBC 021308

75201058 245130509

NOAA2 1905 ELENA

1234	2945	08652	09546	"0446	197045	"082	"067
1235	2943	08649	09562	"0434	209049	"078	"067
1236	2940	08651	09546	"0452	196044	"082	"063
1237	2937	08652	09543	"0454	196042	"082	"063
1238	2934	08653	09546	"0455	197043	"082	"071
1239	2931	08655	09546	"0456	197041	"080	"064
1240	2927	08656	09544	"0456	197040	"079	"065
1241	2924	08657	09544	"0457	197037	"075	"072
1242	2921	08659	09545	"0458	198039	"076	"076
1243	2919	08701	09563	"0443	206031	"077	"077
1244	2921	08706	09542	"0451	200044	"078	"077
1245	2924	08710	09545	"0445	200042	"079	"062
1246	2926	08714	09544	"0435	199042	"081	"065
1247	2928	08718	09544	"0430	199043	"082	"069
1248	2930	08722	09542	"0421	196041	"085	"085
1249	2932	08727	09539	"0411	194043	"089	"083
1250	2935	08731	09545	"0406	195042	"087	"087
1251	2937	08735	09542	"0393	192044	"088	"088
1252	2939	08739	09540	"0381	191045	"087	"087
1253	2941	08743	09608	"0373	203045	"085	"085
1254	2944	08748	09636	"0360	197044	"092	"092
1255	2946	08752	09626	"0347	201047	"083	"083
1256	2948	08756	09629	"0333	197047	"089	"089
1257	2950	08800	09630	"0318	192045	"095	"089
1258	2953	08804	09632	"0303	192047	"095	"095
1259	2955	08809	09654	"0291	195046	"097	"095
1300	2957	08813	09645	"0273	196051	"099	"097
1301	2959	08817	09684	"0251	200055	"097	"097
1302	3001	08821	09695	"0228	199058	"092	"092
1303	3003	08825	09763	"0206	192061	"091	"091

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ZCZC WBC928

URXX KWBC 021338

75201058 245133509

NORR2 1905 ELENA

1304	3005	08830	09770	"0219	186060	"089	"089
1305	3007	08835	09809	"0143	191062	"091	"091
1306	3009	08839	09811	"0104	194062	"092	"092
1307	3010	08843	09930	"0057	194066	"088	"088
1308	3010	08848	09926	0001	196071	"087	"087
1309	3010	08852	10042	0049	202063	"090	"090
1310	3009	08856	10025	0086	212057	"097	"097
1311	3008	08900	10030	0102	208049	"094	"094
1312	3005	08901	10019	0036	231050	"094	"094
1313	3001	08901	09922	"0036	229047	"090	"090
1314	2957	08901	09908	"0091	236048	"088	"088
1315	2954	08901	09865	"0129	235048	"090	"090
1316	2950	08901	09756	"0159	233047	"087	"087
1317	2946	08901	09757	"0182	235042	"093	"093
1318	2943	08901	09774	"0204	231045	"089	"089
1319	2939	08901	09769	"0226	239045	"089	"089
1320	2935	08901	09771	"0243	236044	"087	"087
1321	2931	08901	09765	"0262	244039	"091	"091
1322	2928	08900	09769	"0273	251036	"092	"092
1323	2924	08859	09774	"0288	247037	"088	"088
1324	2920	08859	09770	"0305	248033	"087	"087
1325	2916	08858	09673	"0315	244030	"089	"089
1326	2912	08858	09757	"0326	239030	"085	"085
1327	2908	08857	09666	"0337	239029	"087	"087
1328	2904	08855	09669	"0345	236032	"087	"087
1329	2900	08855	09664	"0361	233031	"087	"084
1330	2856	08854	09662	"0367	239031	"091	"082
1331	2852	08853	09672	"0368	244035	"087	"085
1332	2851	08856	09683	"0356	262027	"085	"085
1333	2855	08856	09637	"0370	241032	"091	"080

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URXX KWBC 021408
75201058 245140509
NOAA2 1905 ELENA

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1334	2800	08856	09610	"0360	233033	"091	"081
1335	2904	08856	09612	"0354	231034	"088	"084
1336	2909	08856	09610	"0342	232034	"088	"088
1337	2913	08857	09609	"0337	236036	"088	"088
1338	2917	08858	09608	"0321	235037	"091	"090
1339	2922	08859	09607	"0311	238034	"092	"092
1340	2926	08800	09664	"0300	239037	"093	"093
1341	2930	08900	09682	"0286	238039	"095	"095
1342	2935	08902	09681	"0266	239041	"091	"091
1343	2939	08903	09682	"0255	237046	"089	"089
1344	2943	08904	09677	"0239	234047	"092	"092
1345	2948	08905	09708	"0218	232045	"091	"091
1346	2952	08906	09790	"0203	232045	"087	"087
1347	2957	08907	09796	"0167	228051	"089	"089
1348	3001	08908	09802	"0118	232053	"088	"088
1349	3006	08909	09869	"0065	228052	"088	"088
1350	3009	08905	09872	"0018	215062	"090	"090
1351	3009	08900	09856	"0078	213058	"090	"090
1352	3009	08854	09860	"0120	206060	"088	"088
1353	3009	08849	09782	"0160	203059	"092	"092
1354	3009	08844	09774	"0198	200058	"090	"090
1355	3009	08839	09762	"0229	199058	"089	"089
1356	3009	08834	09654	"0247	202057	"092	"092
1357	3009	08828	09654	"0275	193053	"096	"096
1358	3008	08823	09654	"0294	189050	"105	"096
1359	3008	08819	09651	"0313	183046	"103	"097
1400	3008	08814	09648	"0331	186044	"098	"098
1401	3008	08809	09651	"0348	185044	"096	"096
1402	3008	08804	09651	"0360	186044	"097	"092
1403	3008	08800	09623	"0375	188047	"096	"093

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ZCZC WBC942

URXX KWBC 021437

75201058 245143509

NOAA2 1905 ELENA

1404	3008	08755	09584	"0390	181049	"090	"090
1405	3008	08750	09585	"0401	179044	"092	"092
1406	3009	08745	09584	"0416	180041	"093	"086
1407	3009	08741	09585	"0428	179042	"096	"083
1408	3010	08736	09610	"0418	185055	"094	"086
1409	3007	08737	09604	"0417	190038	"093	"083
1410	3008	08742	09586	"0429	182044	"090	"090
1411	3008	08746	09579	"0420	177043	"092	"083
1412	3008	08751	09582	"0408	177044	"092	"091
1413	3008	08756	09586	"0403	180044	"098	"089
1414	3007	08801	09585	"0388	177043	"096	"096
1415	3007	08805	09580	"0378	184042	"095	"095
1416	3008	08810	09582	"0368	179044	"097	"096
1417	3008	08815	09586	"0359	181048	"098	"098
1418	3008	08820	09586	"0341	184046	"099	"099
1419	3008	08824	09581	"0329	186045	"106	"098
1420	3008	08829	09581	"0314	189048	"105	"099
1421	3008	08834	09659	"0297	194049	"105	"100
1422	3009	08838	09660	"0277	196051	"101	"101
1423	3009	08842	09662	"0255	201053	"102	"101
1424	3009	08847	09741	"0245	199055	"096	"096
1425	3009	08851	09741	"0232	197053	"096	"096
1426	3009	08855	09736	"0225	199053	"095	"095
1427	3009	08800	09745	"0197	204055	"095	"095
1428	3009	08904	09750	"0175	206052	"100	"098
1429	3009	08908	09759	"0168	207054	"098	"098
1430	3006	08909	09771	"0170	216052	"094	"094
1431	3002	08908	09770	"0184	219049	"091	"091
1432	2959	08907	09772	"0221	227047	"089	"089
1433	2955	08907	09774	"0242	227045	"095	"095

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ZCZC WBC948

URXX KWBC 021507

75201058 245150509

NOAA2 1905 ELENA

1434	2952	08906	09727	"0264	217049	"093	"093
1435	2948	08905	09713	"0274	227044	"096	"096
1436	2944	08904	09713	"0285	236042	"097	"097
1437	2941	08904	09710	"0305	229037	"100	"096
1438	2937	08903	09663	"0314	231035	"097	"097
1439	2933	08902	09665	"0327	227033	"099	"095
1440	2930	08901	09588	"0336	230033	"101	"094
1441	2926	08900	09592	"0346	231033	"095	"094
1442	2922	08859	09595	"0356	230035	"094	"092
1443	2918	08859	09594	"0364	230034	"094	"089
1444	2914	08858	09595	"0372	232035	"090	"090
1445	2910	08857	09593	"0378	234035	"092	"092
1446	2907	08856	09594	"0388	239035	"090	"085
1447	2903	08855	09595	"0401	239035	"088	"075
1448	2859	08854	09595	"0413	236033	"090	"071
1449	2855	08853	09603	"0421	239030	"090	"075
1450	2851	08853	09594	"0430	236031	"089	"079
1451	2847	08853	09616	"0421	255036	"088	"074
1452	2849	08856	09609	"0421	230019	"091	"070
1453	2853	08854	09596	"0429	239033	"088	"080
1454	2857	08854	09597	"0425	238036	"090	"076
1455	2902	08855	09592	"0411	232035	"092	"069
1456	2906	08856	09595	"0403	236037	"088	"072
1457	2910	08856	09591	"0393	236039	"090	"078
1458	2915	08857	09593	"0384	232037	"093	"083
1459	2919	08858	09589	"0378	226039	"090	"087
1500	2924	08859	09593	"0376	223036	"094	"092
1501	2928	08900	09592	"0365	225036	"091	"091
1502	2932	08901	09594	"0355	229039	"089	"089
1503	2937	08902	09585	"0350	223039	"097	"095

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ZCZC WBC952

URXX KWBC 021537

75201058 245153509

NDARR2 1905 ELENA

1504	2941	08903	09594	"0335	223040	"101	"097
1505	2946	08904	09588	"0320	224039	"100	"100
1506	2951	08905	09592	"0307	224042	"104	"100
1507	2955	08906	09655	"0297	222043	"105	"094
1508	3000	08907	09655	"0269	213050	"098	"098
1509	3004	08908	09660	"0255	208052	"094	"094
1510	3009	08908	09685	"0229	218052	"097	"097
1511	3010	08903	09747	"0255	206051	"094	"094
1512	3009	08858	09744	"0280	208047	"095	"095
1513	3009	08853	09673	"0299	208046	"106	"098
1514	3009	08848	09671	"0323	201042	"103	"099
1515	3008	08843	09666	"0341	202040	"102	"099
1516	3008	08837	09667	"0357	193040	"103	"096
1517	3008	08832	09669	"0372	191042	"099	"098
1518	3008	08827	09667	"0385	190041	"098	"094
1519	3007	08822	09683	"0396	187042	"099	"090
1520	3006	08818	09679	"0407	190043	"101	"091
1521	3004	08814	09708	"0422	189041	"095	"091
1522	3002	08810	10674	"0484	186039	"079	"079
1523	3000	08806	11639	"0545	181035	"062	"062
1524	2958	08803	12510	"0585	183035	"046	"046
1525	2956	08759	13159	"0638	180038	"035	"035
1526	2954	08755	13559	"0673	183035	"023	"023
1527	2952	08751	14301	"0725	187037	"011	"009
1528	2950	08747	14885	"0761	184036	"005	"000
1529	2948	08743	15348	"0807	172031	004	004
1530	2946	08739	15802	"0840	175029	011	011
1531	2944	08735	16415	"0886	178039	019	025
1532	2942	08731	16732	"0908	180037	022	030
1533	2940	08727	17424	"0950	181038	033	043

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ZCZC WBC954

URXX KWBC 021607

75201058 245160509

NOAA2 1905 ELENA

1534	2938	08723	17790	"0978	178038	045	055
1535	2935	08720	18430	"1029	165025	050	067
1536	2933	08717	18873	"1070	165026	064	079
1537	2930	08714	19053	"1081	167026	065	084
1538	2927	08710	19043	"1083	178025	069	078
1539	2924	08706	19040	"1097	153022	060	087
1540	2922	08702	19039	"1106	163023	067	082
1541	2920	08657	19038	"1115	170023	070	088
1542	2918	08652	19035	"1111	162025	068	087
1543	2916	08647	19036	"1122	168023	068	099
1544	2913	08641	19036	"1126	161021	067	094
1545	2911	08637	19033	"1128	165019	069	091
1546	2909	08631	19039	"1134	173021	068	089
1547	2907	08626	19036	"1137	175021	065	097
1548	2906	08621	19046	"1130	169018	071	084
1549	2903	08616	19035	"1141	176021	072	081
1550	2901	08611	19031	"1145	174023	076	099
1551	2858	08606	19032	"1144	181020	075	114
1552	2855	08601	19031	"1146	184020	072	166
1553	2853	08556	19030	"1147	188021	068	266
1554	2850	08551	19030	"1152	186019	070	295
1555	2847	08547	19029	"1152	183019	077	253
1556	2845	08542	19029	"1155	182021	076	293
1557	2842	08537	19030	"1158	187020	078	313
1558	2839	08532	19027	"1162	186021	079	312
1559	2837	08527	19026	"1164	183021	081	315
1600	2834	08522	19026	"1168	189020	083	277
1601	2831	08517	19027	"1169	192017	081	253
1602	2829	08513	19026	"1168	203018	075	136
1603	2826	08508	19027	"1177	186016	080	170

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ZCZC WBC956

URXX KWBC 021637

75201058 245163510

NORR2 1905 ELENA

1604	2823	08503	19026	"1180	190017	078	143
1605	2821	08458	19025	"1186	172018	086	173
1606	2818	08453	19020	"1185	167017	080	199
1607	2815	08448	19018	"1187	170016	081	270
1608	2813	08443	19022	"1184	178013	080	296
1609	2810	08438	19021	"1189	187015	083	308
1610	2807	08433	19022	"1186	183015	081	314
1611	2805	08428	19020	"1191	189016	078	317
1612	2802	08423	19018	"1192	185016	072	320
1613	2859	08419	19019	"1195	190014	083	322
1614	2757	08413	19016	"1193	204021	103	254
1615	2755	08408	19016	"1200	211023	103	149
1616	2753	08403	19016	"1204	219021	098	204
1617	2750	08357	19265	"1213	215021	109	123
1618	2748	08352	20051	"1255	195014	092	264
1619	2746	08348	20815	"1298	203013	111	315
1620	2744	08343	20991	"1319	200012	113	332
1621	2742	08338	20992	"1324	200013	112	338
1622	2739	08333	20989	"1326	206016	114	343
1623	2737	08328	20987	"1329	204016	120	346
1624	2734	08323	20986	"1316	213017	121	347
1625	2732	08318	20987	"1331	207017	121	347
1626	2729	08313	20987	"1328	206018	127	252
1627	2727	08308	20984	"1338	203018	126	235
1628	2724	08303	20982	"1316	207017	127	287
1629	2722	08258	20982	"1335	207015	124	209
1630	2719	08253	20984	"1323	197014	123	229
1631	2716	08248	20979	"1261	195014	124	263
1632	2714	08243	20979	"1339	195014	123	289
1633	2711	08239	20978	"1339	204015	125	302

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ZCZC WBC963

URXX KNBC 021707

75201058 245170510

NORR2 1905 ELENR

1634	2707	08234	20979	"1338	195016	126	290
1635	2704	08230	20979	"1338	201017	127	241
1636	2700	08226	20976	"1339	203016	128	260
1637	2656	08222	20972	"1335	210017	128	273
1638	2653	08218	20973	"1328	215016	127	188
1639	2650	08213	20975	"1315	220016	127	172
1640	2647	08208	20975	"1302	216014	129	180
1641	2644	08204	20973	"1326	213015	132	172
1642	2641	08159	20760	"1302	215015	130	198
1643	2638	08154	19935	"1250	225015	110	259
1644	2636	08148	18822	"1207	213012	084	261
1645	2633	08142	17891	"1144	211013	068	167
1646	2631	08136	17550	"1116	213011	062	141
1647	2628	08130	17291	"1107	216011	056	141
1648	2624	08125	16792	"1086	209010	044	126
1649	2620	08121	16043	"1065	188010	025	123
1650	2616	08116	15139	"1010	174010	007	093
1651	2613	08111	13049	"0892	155009	"030	003
1652	2610	08106	10797	"0754	110005	"073	"031
1653	2609	08102	09003	"0655	118006	"112	"037
1654	2607	08058	07007	"0554	132009	"145	"099
1655	2605	08054	05860	"0495	127008	"160	"135
1656	2603	08050	05748	"0485	128008	"163	"132
1657	2602	08046	05688	"0493	124008	"160	"121
1658	2600	08043	05613	"0492	127008	"159	"129
1659	2558	08039	05769	"0487	119009	"160	"160
1700	2555	08037	05767	"0494	120007	"162	"138
1701	2552	08034	05515	"0476	103005	"169	"138
1702	2549	08031	04316	"0427	088008	"187	"172
1703	2547	08027	03463	"0375	095005	"210	"178

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1039 83.02 = -119

1040 82.95 = -91

1007 85.12 = -109

1006 85.18 = -90

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ZCZC WBC667

URXX KWBC 281712

752025C2 240171008

NOAA3 0605 CYCLONE

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1639	2330	08110	01386	"0040	048033	"250	"210
1640	2330	08106	01394	"0040	050033	"251	"213
1641	2330	08103	01391	"0040	048032	"250	"212
1642	2330	08059	01389	"0038	051036	"247	"215
1643	2330	08055	01392	"0035	052033	"243	"227
1644	2330	08051	01387	"0030	051032	"251	"202
1645	2329	08047	01386	"0031	061030	"256	"190
1646	2329	08043	01388	"0027	060032	"248	"202
1647	2331	08044	01367	"0054	078024	"249	"204
1648	2331	08048	01387	"0030	053027	"253	"197
1649	2331	08053	01384	"0020	050028	"244	"211
1650	2330	08057	01383	"0031	045030	"248	"208
1651	2330	08102	01387	"0029	048034	"244	"221
1652	2329	08106	01383	"0035	043032	"249	"218
1653	2330	08111	01384	"0039	046033	"252	"206
1654	2330	08115	01402	"0017	077081	"322	"213
1655	2329	08120	01375	"0040	041029	"251	"215
1656	2329	08125	01381	"0052	039029	"249	"221
1657	2329	08129	01374	"0045	044029	"253	"218
1658	2329	08134	01379	"0048	039030	"252	"221
1659	2329	08138	01372	"0044	038028	"258	"209
1700	2329	08143	01377	"0045	038025	"256	"226
1701	2329	08147	01373	"0044	035024	"257	"219
1702	2329	08152	01369	"0046	037023	"258	"218
1703	2330	08156	01373	"0049	035024	"256	"225
1704	2329	08200	01375	"0058	033024	"256	"228
1705	2329	08205	01453	0029	26667	090	090
1706	2328	08209	01365	"0056	272198	"245	"227
1707	2328	08213	01368	"0059	028022	"254	"223
1708	2327	08218	01368	"0063	033021	"255	"224

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ZCZC WBC670

URXX KWBC 281742

752025C2 240174008

NDRAA3 0605 CYCLONE

1709	2326	08222	01370	"0067	032022	"255	"225
1710	2326	08227	01370	"0064	033019	"254	"228
1711	2325	08231	01367	"0067	031020	"253	"225
1712	2324	08235	01363	"0069	030021	"254	"219
1713	2323	08240	01365	"0066	032019	"256	"220
1714	2322	08244	01362	"0073	029020	"260	"212
1715	2321	08248	01361	"0067	029020	"260	"215
1716	2321	08253	01362	"0067	024016	"256	"232
1717	2320	08257	01361	"0063	030016	"257	"230
1718	2319	08301	01362	"0069	028017	"257	"230
1719	2318	08306	01361	"0074	030016	"257	"229
1720	2317	08310	01356	"0068	035017	"258	"224
1721	2316	08314	01357	"0068	033015	"260	"222
1722	2315	08318	01359	"0079	026013	"257	"230
1723	2314	08323	01356	"0078	026013	"256	"229
1724	2313	08327	01353	"0084	024014	"257	"229
1725	2312	08331	01355	"0077	036014	"257	"228
1726	2311	08335	01355	"0080	040014	"259	"221
1727	2310	08339	01355	"0083	035015	"259	"222
1728	2309	08343	01354	"0083	031015	"259	"226
1729	2308	08348	01352	"0083	034013	"259	"227
1730	2307	08352	01347	"0086			

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ZCZC WBC662

URXX KWBC 281643

75202502 240164008

NORR3 0605 CYCLONE

1609	2523	08019	04917	"0360	093033	"187	"131
1610	2520	08023	04918	"0320	088033	"190	"132
1611	2517	08026	04914	"0315	084035	"189	"124
1612	2514	08030	04919	"0312	084036	"191	"117
1613	2511	08033	04915	"0346	086036	"180	"140
1614	2508	08037	04895	"0352	096028	"174	"161
1615	2505	08040	04911	"0325	064026	"189	"125
1616	2501	08043	04911	"0320	064034	"181	"163
1617	2458	08046	04912	"0326	076029	"185	"150
1618	2454	08048	04910	"0321	079028	"182	"143
1619	2450	08049	04915	"0324	075028	"187	"141
1620	2446	08051	04909	"0323	075031	"189	"139
1621	2442	08053	04913	"0331	077029	"194	"143
1622	2438	08055	04902	"0324	073031	"187	"145
1623	2434	08057	04906	"0323	079034	"188	"146
1624	2430	08059	04906	"0320	068031	"199	"121
1625	2426	08101	04907	"0314	075028	"201	"124
1626	2422	08103	04903	"0309	062030	"192	"134
1628	2414	08106	04878	"0311	069032	"187	"145
1629	2410	08108	04904	"0304	067028	"193	"148
1630	2406	08110	04901	"0308	061028	"191	"149
1631	2402	08112	04888	"0304	053030	"191	"150
1632	2357	08112	03913	"0238	053033	"211	"156
1633	2353	08112	02360	"0144	065032	"233	"196
1634	2349	08112	01435	"0063	062032	"253	"201
1635	2345	08112	01401	"0060	056029	"253	"207
1636	2341	08112	01399	"0056	050025	"249	"227
1637	2337	08112	01358	"0080	095025	"245	"208
1638	2333	08112	01389	"0046	049031	"256	"210

NNNN

OWZCZC WBC673

URXX KWBC 281812

75202502 240181008

NORR3 0505 CYCLONE

1739	2248	08426	01344	"0093	039012	"258	"226
1740	2245	08429	01343	"0094	042012	"258	"226
1741	2243	08433	01346	"0089	042011	"257	"226
1742	2241	08436	01340	"0090	042012	"258	"224
1743	2238	08440	01342	"0095	044013	"257	"227
1744	2236	08444	01340	"0093	053014	"257	"223
1745	2233	08447	01340	"0096	052014	"256	"225
1746	2231	08451	01338	"0091	053014	"257	"222
1747	2229	08455	01337	"0093	05101	"257	"221
1748	2226	08458	01332	"0104	054013	"257	"223
1749	2223	08500	01336	"0081	049014	"256	"225
1750	2219	08502	01336	"0086	042013	"256	"226
1751	2215	08504	01337	"0085	044014	"256	"226
1752	2212	08506	01337	"0094	049014	"259	"214
1753	2208	08508	01335	"0086	055016	"263	"202
1754	2204	08510	01334	"0083	052016	"264	"191
1755	2200	08512	01331	"0087	055016	"265	"186
1756	2156	08512	01331	"0083	051015	"266	"186
1757	2152	08512	01332	"0084	045013	"262	"190
1758	2148	08512	01331	"0083	048013	"266	"189
1759	2144	08512	01328	"0088	050013	"269	"179
1800	2140	08512	01332	"0084	057010	"264	"203
1801	2136	08512	01325	"0094	050009	"257	"220
1802	2134	08509	01325	"0076	044010	"257	"220
1803	2134	08505	01329	"0073	045012	"264	"204
1804	2133	08501	01323	"0075	052014	"267	"204
1805	2131	08458	01325	"0069	044013	"262	"212
1806	2130	08454	01324	"0069	047014	"259	"219
1807	2130	08450	01326	"0069	056014	"260	"213
1808	2129	08446	01326	"0072	024012	"270	"202

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NNNN

ZCZC WBC679

URXX KWBC 281842

75202502 240184009

NORR3 0605 CYCLONE

1809	2128	08442	01326	"0066	045017	"271	"189
1810	2128	08438	01326	"0071	050020	"273	"179
1811	2127	08434	01321	"0058	051018	"268	"192
1812	2126	08430	01321	"0054	052017	"269	"195
1813	2126	08426	01322	"0053	055019	"264	"203
1814	2125	08422	01322	"0049	055020	"264	"199
1815	2124	08419	01317	"0041	049019	"269	"194
1816	2124	08415	01316	"0043	051019	"268	"195
1817	2123	08411	01316	"0043	050019	"267	"196
1818	2123	08407	01315	"0040	043018	"273	"180
1819	2122	08403	01420	"0040	044017	"267	"182
1820	2121	08400	01424	"0049	045015	"266	"188
1821	2121	08356	01423	"0053	035015	"256	"220
1822	2120	08352	01423	"0056	028014	"256	"220
1823	2119	08348	01426	"0040	032013	"256	"220
1824	2118	08344	01427	"0033	033013	"256	"219
1825	2118	08340	01424	"0036	030014	"258	"226
1826	2117	08336	01422	"0034	027013	"258	"216
1827	2116	08332	01420	"0031	021012	"256	"218
1828	2115	08328	01420	"0029	025010	"259	"213
1829	2114	08324	01420	"0024	024009	"261	"212
1830	2113	08320	01420	"0018	021008	"261	"209
1831	2112	08316	01419	"0018	006009	"261	"209
1832	2111	08312	01416	"0019	357008	"261	"213
1833	2110	08308	01418	"0016	353006	"262	"213
1834	2109	08303	01417	"0018	312005	"259	"219
1835	2108	08259	01419	"0017	333005	"260	"213
1836	2108	08255	01420	"0011	345006	"261	"209
1837	2107	08251	01417	"0014	352007	"260	"212
1838	2106	08247	01414	"0020	016010	"262	"204

NNNN

ZCZC WBC684

URXX KWBC 281912

75202502 240191009

NORR3 0605 CYCLONE

1839	2106	08242	01418	"0019	022012	"259	"208
1840	2106	08238	01412	"0022	018011	"255	"223
1841	2106	08234	01409	"0010	015010	"254	"221
1842	2106	08230	01409	"0020	012011	"254	"222
1843	2106	08226	01413	"0009	009009	"253	"228
1844	2106	08222	01414	"0024	006010	"253	"224
1845	2106	08218	01413	"0015	004011	"251	"226
1846	2106	08214	01417	"0009	005010	"250	"228
1847	2106	08210	01443	"0010	007012	"250	"222
1848	2107	08206	01438	"0009	000012	"250	"223
1849	2107	08202	01440	"0190	354012	"247	"224
1850	2107	08157	01439	"0044	349012	"251	"211
1851	2107	08153	01439	"0005	348011	"257	"183
1852	2108	08149	01437	"0000	337010	"251	"199
1853	2108	08145	01442	"0000	330009	"252	"202
1854	2108	0811	01435	0003	317010	"248	"214
1855	2108	08136	01436	"0000	314010	"249	"209
1856	2109	08132	01439	0007	317011	"250	"206
1857	2109	08128	01440	0007	315010	"250	"205
1858	2109	08123	01462	0008	310009	"251	"203
1859	2109	08119	01458	0014	296009	"254	"192
1900	2110	08115	01460	0021	293010	"248	"211
1901	2110	08111	01460	0014	280011	"244	"222
1902	2110	08106	01461	0013	281010	"243	"221
1903	2110	08102	01461	0018	276011	"242	"217
1904	2110	08057	01410	"0025	084012	"241	"215
1905	2110	08053	01454	0017	242008	"238	"223
1906	2110	08049	01457	0016	244010	"239	"219
1907	2110	08045	01458	0016	231010	"237	"217
1908	2110	08040	01459	0022	221010	"237	"219

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NNNN

ZCZC WBC687

URXX KWBC 281942

75202502 240194009

NOAA3 0605 CYCLONE

1909	2110	08036	01461	0014	208010	"236	"221
1910	2110	08038	01458	0013	206012	"235	"216
1912	2111	08024	01458	"4797	177014	"236	"212
1913	2111	08019	01450	"0002	173014	"234	"204
1914	2111	08015	01455	"0004	169016	"233	"206
1915	2112	08011	01451	0006	169013	"235	"184
1916	2112	08007	01454	"0005	172014	"232	"200
1917	2113	08003	01452	"0003	170013	"232	"200
1918	2113	07959	01475	0019	186017	"229	"202
1919	2109	07959	01449	"0007	184011	"233	"196
1920	2106	07958	01449	"0002	175015	"232	"198
1921	2103	07958	01450	"0010	172015	"229	"208
1922	2059	07958	01448	"0009	169012	"227	"214
1923	2056	07958	01448	"0017	176013	"227	"203
1924	2054	07956	01445	"0017	163014	"221	"214
1925	2052	07954	01444	"0021	159012	"222	"211
1926	2050	07950	01442	"0021	170010	"225	"203
1927	2049	07948	01440	"0024	183008	"225	"197
1928	2047	07945	01440	"0031	196007	"226	"197
1929	2045	07941	01440	"0032	238005	"227	"198
1930	2043	07938	01447	"0030	231005	"224	"190
1931	2041	07934	01448	"0030	236006	"229	"189
1932	2040	07930	01445	"0033	197006	"227	"199
1933	2037	07927	01443	"0030	203009	"226	"204
1934	2036	07924	01440	"0034	196008	"230	"203
1935	2034	07921	01440	"0036	193009	"231	"205
1936	2032	07918	01443	"0039	203008	"232	"205
1937	2030	07915	01441	"0048	206007	"234	"206
1938	2028	07912	01440	"0043	198008	"236	"207

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NNNN

ZCZC WBC692

URXX KMBC 282012

75202502 240201009

NOAAR3 0605 ELENA

1939	2026	07909	01441	"0041	192009	"238	"206
1940	2024	07906	01437	"0054	192010	"240	"198
1941	2022	07902	01434	"0046	198014	"249	"174
1942	2020	07859	01436	"0047	196012	"247	"172
1943	2018	07856	01435	"0050	200008	"239	"199
1944	2016	07853	01439	"0058	183008	"245	"185
1945	2014	07850	01436	"0050	182009	"244	"183
1946	2012	07847	01438	"0056	166011	"245	"198
1947	2009	07844	01436	"0059	170010	"246	"203
1948	2007	07841	01434	"0064	164009	"244	"202
1949	2005	07838	01434	"0061	166008	"244	"198
1950	2003	07835	01438	"0060	163008	"243	"206
1951	2001	07832	01434	"0056	133009	"247	"208
1952	1958	07828	01429	"0058	136007	"243	"208
1953	1957	07825	01417	"0082	072005	"244	"208
1954	1959	07826	01422	"0064	144006	"246	"208
1955	2001	07829	01430	"0067	144005	"243	"208
1956	2003	07833	01436	"0061	172004	"243	"207
1957	2005	07836	01432	"0062	189007	"244	"206
1958	2007	07840	01432	"0064	196007	"244	"201
1959	2010	07843	01432	"0064	192008	"245	"202
2000	2012	07847	01431	"0063	187009	"246	"205
2001	2014	07850	01431	"0065	190008	"247	"188
2002	2016	07854	01431	"0064	200007	"248	"176
2003	2018	07857	01421	"0073	263012	"239	"193
2004	2021	07901	01424	"0054	226009	"245	"188
2005	2023	07904	01424	"0052	224010	"247	"184
2006	2025	07908	01423	"0051	221011	"246	"187
2007	2027	07911	01424	"0052	223009	"242	"194
2008	2030	07914	01427	"0046	234010	"242	"203

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NNNN

ZCZC WBC696

URXX KWBC 282042

75202502 240204009

NORR3 0605 ELENA

2009	2032	07918	01427	"0046	250011	"236	"205
2010	2034	07921	01425	"0051	237010	"231	"206
2011	2036	07924	01429	"0047	234013	"233	"203
2012	2039	07927	01424	"0036	233013	"235	"199
2013	2041	07931	01420	"0035	231015	"238	"186
2014	2043	07934	01420	"0034	222013	"233	"198
2015	2045	07938	01427	"0032	233014	"238	"184
2016	2047	07941	01421	"0030	218012	"246	"175
2017	2049	07945	01421	"0032	205009	"230	"188
2018	2051	07948	01423	"0034	222013	"236	"187
2019	2053	07951	01419	"0033	233011	"235	"191
2020	2055	07955	01420	"0024	208011	"228	"197
2021	2057	07958	01422	"0022	212013	"223	"204
2022	2101	07959	01421	"0017	205013	"223	"210
2023	2105	07959	01419	"0013	206013	"226	"211
2024	2109	07959	01420	"0013	194014	"225	"216
2025	2113	08000	01420	"0011	193016	"227	"212
2026	2116	08001	01400	"0024	187026	"228	"216
2027	2117	08005	01479	0002	185020	"227	"213
2028	2116	08009	01487	0005	193020	"233	"211
2029	2117	08013	01485	0004	184020	"232	"220
2030	2117	08017	01482	0008	181020	"234	"211
2031	2117	08021	01482	0004	181021	"235	"208
2032	2117	08025	01487	0010	191020	"240	"199
2033	2117	08029	01480	0004	197020	"239	"202
2034	2116	08033	01481	0003	199021	"236	"212
2035	2116	08037	01478	0007	201018	"235	"204
2036	2116	08041	01482	0020	208016	"240	"189
2037	2116	08045	01480	0020	196020	"234	"206
2038	2115	08049	01478	0022	194018	"232	"205

NNNN

NNNN

ZCZC WBC699

URXX KWBC 282112

75202502 240211009

NORR3 0605 ELENA

2039	2115	08053	01476	0022	206019	"235	"206
2040	2115	08057	01482	0027	205021	"231	"214
2041	2115	08100	01485	0028	210018	"231	"218
2042	2114	08104	01479	"7091	214016	"236	"215
2043	2114	08108	01478	0012	209014	"236	"223
2044	2114	08112	01474	0025	216014	"237	"213
2045	2113	08116	01477	0032	218013	"237	"216
2046	2113	08120	01476	0030	226013	"239	"221
2047	2113	08123	01478	0038	235014	"241	"222
2048	2112	08127	01477	"0500	240013	"244	"212
2049	2112	08131	01478	"0499	241012	"245	"220
2050	2111	08135	01473	0029	251009	"251	"185
2051	2111	08139	01476	0027	255008	"251	"201
2054	2110	08150	01200	"0069	254004	"213	"146
2055	2109	08154	01472	0026	263004	"255	"181
2056	2109	08158	01470	0026	282004	"257	"183
2057	2108	08202	01471	0025	289004	"256	"188
2058	2108	08206	01469	0025	296005	"253	"211
2059	2107	08209	01476	0022	294005	"250	"223
2100	2106	08213	01472	0018	320006	"256	"201
2101	2106	08217	01475	0014	337006	"252	"219
2102	2105	08221	01475	0012	331007	"252	"211
2103	2105	08225	01473	0010	341008	"251	"212
2104	2104	08229	01475	0010	338008	"252	"211
2105	2104	08233	01470	0010	351009	"255	"204
2106	2103	08236	01472	0010	353010	"252	"217
2107	2103	08241	01481	0007	344009	"248	"232
2108	2102	08244	01472	0001	322012	"251	"208

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NNNN

ZCZC WBC703

URXX KWBC 282142

75202502 240214009

NOAA3 0605 ELENA

2109	2102	08248	01466	0002	335012	"250	"208
2110	2101	08252	01477	"0003	322007	"245	"204
2111	2101	08256	01470	"0000	343015	"254	"187
2112	2100	08300	01464	"0009	350012	"250	"219
2113	2100	08304	01470	"0007	005014	"251	"232
2114	2100	08308	01470	"0006	007016	"254	"218
2115	2059	08312	01473	"0006	354018	"254	"222
2116	2058	08316	01466	"0005	350021	"252	"236
2117	2058	08321	01467	"0005	358012	"255	"226
2118	2057	08325	01464	"0004	000011	"254	"227
2119	2057	08329	01463	"0004	358011	"254	"226
2120	2056	08333	01463	"0002	357010	"253	"229
2121	2056	08336	01466	"0000	358010	"256	"219
2122	2055	08340	01469	"0000	004010	"260	"208
2123	2055	08344	01470	"0001	003011	"259	"209
2124	2054	08348	01466	"0003	359012	"256	"213
2125	2054	08352	01464	"0004	358011	"259	"208
2126	2053	08356	01466	"0010	356012	"256	"220
2127	2052	08400	01448	"0031	021009	"254	"232
2128	2051	08357	01462	"0008	002014	"253	"229
2129	2051	08354	01469	"0005	005014	"255	"217
2130	2052	08350	01469	"0004	009013	"257	"211
2131	2052	08346	01465	"0003	012013	"258	"210
2132	2053	08342	01465	"0004	011012	"259	"207
2133	2054	08338	01465	"0003	012013	"257	"215
2134	2054	08334	01467	"0006	011014	"254	"224
2135	2055	08330	01465	"0006	010013	"254	"225
2136	2055	08326	01465	"0003	008013	"253	"229
137	2055	08323	01468	"0008	018013	"254	"227
2138	2056	08319	01474	"0010	027017	"247	"224

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NNNN

ZCZC WBC711

URXX KWBC 282212

75202502 240221009

NDRA3 0605 ELENA

2139	2056	08315	01468	"0015	040016	"236	"213
2140	2057	08311	01462	"0014	029010	"242	"212
2141	2057	08307	01463	"0010	009013	"255	"190
2142	2057	08303	01459	"0009	343017	"252	"178
2143	2058	08259	01462	"0000	325008	"247	"219
2144	2058	08255	01465	0005	319011	"245	"207
2145	2058	08251	01461	0007	332009	"251	"200
2146	2058	08247	01465	0009	317010	"250	"190
2147	2058	08243	01465	0012	328012	"251	"192
2148	2058	08239	01465	0006	315008	"251	"202
2149	2058	08235	01462	0015	280009	"243	"227
2150	2059	08231	01460	0017	330007	"252	"212
2151	2059	08227	01457	0022	318006	"252	"221
2152	2059	08223	01458	0021	310006	"254	"209
2153	2100	08219	01459	0024	287006	"253	"211
2154	2100	08215	01458	0026	268007	"251	"217
2155	2100	08211	01459	0027	255007	"250	"225
2156	2101	08207	01464	0029	253007	"248	"228
2157	2101	08202	01459	0030	244008	"250	"220
2158	2102	08158	01460	0029	237008	"248	"226
2159	2102	08154	01460	0030	239009	"247	"224
2200	2103	08150	01458	0032	211012	"245	"226
2201	2103	08146	01465	0041	240023	"248	"222
2202	2103	08141	01458	0037	221015	"245	"219
2203	2103	08137	01458	0035	215017	"241	"221
2204	2103	08133	01470	0047	09141	226	226
2205	2104	08129	01459	0038	132022	"238	"220
2206	2104	08125	01458	0034	216017	"238	"217
2207	2104	08121	01461	0034	217016	"238	"210
2208	2104	08116	01459	0035	219016	"241	"199

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NNNN

ZCZC WBC713

URXX KWBC 282242

75202502 240224009

NORR3 0605 ELENA

2209	2104	08112	01460	0034	204016	"236	"208
2210	2104	08108	01458	0035	203016	"236	"196
2211	2104	08104	01424	"0001	137025	"214	"204
2212	2103	08101	01474	0046	207022	"231	"195
2213	2102	08105	01457	0030	211020	"237	"194
2214	2102	08108	01460	0032	216018	"236	"198
2215	2102	08112	01460	0032	217018	"237	"203
2216	2102	08116	01461	0031	230018	"244	"191
2217	2102	08120	01458	0033	224018	"243	"199
2218	2101	08123	01457	0033	224019	"244	"206
2219	2101	08127	01456	0032	218019	"240	"217
2220	2100	08131	01454	0031	220019	"240	"216
2221	2100	08134	01456	0031	220019	"242	"217
2222	2059	08138	01463	0033	223018	"243	"219
2223	2059	08142	01454	0035	217017	"242	"224
2224	2059	08146	01452	0037	215018	"245	"223
2225	2058	08149	01452	0040	208014	"241	"233
2226	2058	08153	01463	0036	225013	"243	"227
2227	2057	08157	01483	0032	249011	"249	"223
2228	2056	08201	01486	0032	240012	"243	"225
2229	2055	08205	01498	0030	265014	"245	"237
2230	2055	08209	01485	0028	267013	"250	"225
2231	2055	08212	01485	0025	272013	"251	"218
2232	2054	08216	01486	0024	286013	"253	"209
2233	2054	08220	01485	0024	287013	"254	"210
2234	2053	08224	01488	0025	283012	"248	"220
2235	2053	08227	01486	0022	295010	"254	"204
2236	2052	08231	01490	0018	313010	"250	"212
2237	2052	08235	01489	0018	301016	"248	"194
2238	2051	08239	01491	0018	301017	"249	"194

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ZCZC WBC717

URXX KWBC 282312

75202502 240231009

NDARR3 0605 ELENA

2239	2050	08242	01490	0019	301016	"249	"203
2240	2050	08246	01487	0019	310015	"251	"205
2241	2049	08250	01492	0017	305014	"251	"201
2242	2048	08253	01492	0017	306012	"253	"196
2243	2048	08257	01488	0018	329016	"256	"184
2244	2048	08301	01492	0014	343021	"245	"193
2245	2048	08304	01489	0007	345020	"244	"189
2246	2049	08308	01493	0007	348021	"245	"187
2247	2050	08312	01492	0006	349019	"246	"183
2248	2051	08316	01493	0002	343018	"233	"222
2249	2052	08320	01494	"0002	349016	"232	"220
2250	2052	08323	01488	"0003	000021	"248	"202
2251	2053	08327	01494	"0008	358022	"249	"196
2252	2054	08331	01499	"0013	008018	"252	"184
2253	2055	08335	01495	"0017	013016	"239	"191
2254	2055	08339	01491	"0021	354020	"228	"197
2255	2056	08343	01454	"0019	007029	"227	"206
2256	2057	08347	01451	"0020	353026	"227	"196
2257	2058	08350	01446	"0023	005027	"234	"193
2258	2058	08354	01456	"0035	014035	"219	"191
2259	2059	08358	01457	"0035	013030	"228	"184
2300	2100	08402	01454	"0033	008036	"230	"190
2301	2100	08406	01454	"0031	000035	"242	"159
2302	2101	08410	01462	"0028	358039	"223	"179
2303	2102	08414	01451	"0031	000030	"230	"193
2304	2102	08418	01456	"0041	358028	"236	"188
2305	2103	08421	01456	"0041	342021	"242	"197
2306	2104	08425	01453	"0047	003019	"218	"196
2307	2105	08429	01451	"0037	059015	"215	"194
2308	2106	08433	01450	"0020	041015	"235	"213

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ZCZC MBC722

URXX KWBC 282342

75202502 240234009

NORR3 0605 EENA

2309	2107	08437	01446	"0019	005029	"255	"233
2310	2108	08441	01449	"0025	009027	"259	"239
2311	2109	08445	01454	"0024	008027	"258	"232
2312	2110	08449	01455	"0022	006025	"259	"229
2313	2111	08453	01455	"0020	004025	"258	"227
2314	2111	08457	01452	"0020	005025	"258	"229
2315	2112	08501	01452	"0021	003025	"255	"231
2316	2113	08504	01450	"0020	003024	"256	"228
2317	2114	08508	01451	"0019	004024	"255	"229
2318	2115	08512	01474	"0010	005026	"254	"227
2319	2118	08512	01433	"0041	003037	"248	"228
2320	2122	08512	01452	"0022	003024	"253	"231
2321	2125	08512	01453	"0021	004025	"258	"219
2322	2129	08512	01452	"0021	006023	"259	"217
2323	2132	08513	01453	"0022	006023	"257	"221
2324	2136	08513	01453	"0025	007025	"256	"223
2325	2139	08512	01451	"0020	003025	"255	"226
2326	2142	08510	01452	"0016	001025	"254	"231
2327	2145	08509	01451	"0015	001024	"255	"230
2328	2148	08507	01452	"0014	004023	"258	"222
2329	2151	08506	01452	"0014	002023	"255	"232
2330	2154	08504	01452	"0014	004024	"256	"230
2331	2157	08503	01452	"0014	003024	"255	"232
2332	2200	08501	01465	"0006	013025	"256	"227
2333	2202	08458	01447	"0015	011025	"259	"221
2334	2203	08454	01448	"0017	006025	"258	"226
2335	2205	08451	01447	"0015	006024	"257	"233
2336	2206	08448	01449	"0017	006024	"257	"230
2337	2208	08444	01450	"0016	007025	"257	"230
2338	2210	08441	01450	"0016	006024	"258	"226

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ZCZC WBC727

URXX KWBC 290012

75202502 241001009

NORR3 0605 ELENA

2339	2236	08436	01449	"0012	002020	"257	"231
2340	2238	08432	01448	"0007	009009	"260	"220
2341	2239	08429	01451	"0003	001011	"259	"226
2342	2241	08425	01449	"0002	005013	"261	"215
2343	2242	08421	01450	"0013	358013	"257	"231
2344	2244	08418	01454	"0000	354013	"256	"222
2345	2247	08415	01447	0009	348012	"264	"204
2346	2250	08413	01449	0004	350016	"262	"189
2347	2252	08410	01450	0008	354017	"263	"193
2348	2255	08408	01450	0011	353017	"258	"219
2349	2258	08405	01448	0016	349016	"257	"221
2350	2300	08402	01457	0019	345017	"257	"224
2351	2301	08358	01448	0010	346021	"255	"234
2352	2303	08355	01455	0016	327023	"231	"228
2353	2304	08351	01444	0018	359020	"258	"215
2354	2305	08347	01447	0026	001020	"257	"217
2355	2306	08343	01445	0031	357020	"254	"225
2356	2306	08339	01449	0035	356021	"254	"222
2357	2307	08335	01449	0038	359022	"253	"227
2358	2308	08331	01450	0039	005025	"251	"233
2359	2309	08327	01447	003	011024	"241	"232
0000	2310	08324	01442	0041	015027	"246	"228
0001	2311	08320	01449	0043	022022	"254	"217
0002	2312	08316	01446	0049	028023	"252	"218
0003	2312	08313	01450	0053	031023	"253	"216
0004	2313	08309	01497	0052	020022	"251	"218
0005	2314	08306	01497	0056	019019	"251	"217
0006	2315	08302	01501	0060	019021	"252	"214
0007	2316	08258	01499	0062	018024	"252	"218
0008	2317	08255	01499	0068	022023	"252	"215

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ZCZC WRC734

URXX KMBC 290042

75202502 241004009

NORR3 0605 ELENA

0009	2318	08251	01503	0070	017024	"243	"225
0010	2320	08248	01502	0076	025025	"250	"222
0011	2321	08244	01532	0083	017025	"247	"226
0012	2322	08241	01537	0087	021021	"247	"223
0013	2323	08237	01534	0092	040032	"243	"215
0014	2324	08234	01533	0098	041031	"241	"218
0015	2326	08231	01535	0103	041033	"241	"222
0016	2328	08228	01534	0103	047034	"243	"212
0017	2330	08225	01539	0103	051038	"238	"218
0018	2330	08222	01537	0104	052040	"235	"224
0019	2330	08218	01533	0105	055043	"231	"218
0020	2330	08215	01542	0110	047039	"226	"225
0021	2330	08211	01517	0121	064035	"234	"225
0022	2330	08208	01549	0123	059037	"235	"229
0023	2330	08205	01570	0124	066038	"231	"227
0024	2330	08201	01560	0133	078041	"230	"222
0025	2330	08158	01563	0135	084041	"231	"224
0026	2330	08154	01563	0134	093041	"231	"221
0027	2331	08151	01571	139	100043	"230	"223
0028	2330	08148	01566	0132	105046	"228	"225
0029	2330	08144	01566	0123	108046	"228	"224
0030	2331	08141	01549	0086	110042	"226	"223
0031	2333	08145	01563	0101	113044	"228	"223
0032	2333	08150	01573	0117	108046	"227	"222
0033	2335	08154	01593	0136	098045	"228	"221
0034	2339	08154	01570	0106	103046	"228	"222
0035	2342	08153	01571	0094	102046	"228	"217
0036	2346	08153	01562	0081	098046	"231	"223
0037	2350	08152	01569	0072	099046	"232	"220
0038	2354	08152	01567	0069	091043	"231	"225

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! "# \$ % & ' () * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [\] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { | } ~

ZCZC WBC755

URXX KWBC 290112

75202502 241011010

NORR3 0605 ELENA

0039	2357	08152	01571	0059	094044	"238	"222
0040	2401	08151	01585	0048	093041	"237	"222
0041	2405	08150	01570	0039	097044	"241	"207
0042	2409	08150	01574	0030	101043	"242	"205
0043	2412	08150	01571	0022	101041	"238	"220
0044	2416	08149	01580	0011	099043	"243	"212
0045	2420	08149	01574	0006	101042	"244	"210
0046	2424	08148	01577	"0001	099043	"243	"213
0047	2427	08148	01767	"0022	095042	"238	"211
0048	2431	08147	03339	"0184	109045	"205	"180
0049	2434	08145	05277	"0226	111047	"182	"119
0050	2437	08143	06130	"0258	114045	"169	"104
0051	2440	08140	06031	"0281	119046	"166	"108
0052	2443	08137	06031	"0291	122043	"168	"106
0053	2446	08134	06039	"0297	123042	"168	"104
0054	2449	08132	06038	"0306	125043	"168	"106
0055	2453	08129	06035	"0309	123044	"167	"108
0056	2456	08126	06033	"0315	128045	"164	"123
0057	2459	08123	06032	"0323	129045	"160	"139
0058	2502	08120	06033	"0325	131046	"163	"110
0059	2506	08117	06037	"0329	134044	"163	"111
0100	2509	08115	06035	"0328	135044	"163	"118
0101	2512	08112	06034	"0334	133045	"171	"112
0102	2516	08109	06039	"0334	132045	"176	"113
0103	2519	08107	06037	"0318	135047	"164	"103
0104	2522	08104	06038	"0332	135048	"160	"114
0105	2526	08101	06042	"0329	135048	"162	"111
0106	2528	08058	06039	"0321	137048	"162	"112
0107	2531	08055	06037	"0317	139048	"163	"112
0108	2534	08052	06041	"0331	138046	"162	"108

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ZCZC WBC819

URXX KMBC 291141

75202502 241114008

NOAA3 0805 ELENA

1109	2544	08229	01438	"0006	134052	"247	"201
1110	2543	08234	01442	"0003	131052	"246	"207
1111	2542	08238	01436	"0001	133050	"246	"210
1112	2541	08243	01436	0001	136052	"244	"213
1113	2540	08247	01435	0003	137051	"247	"213
1114	2539	08251	01431	"0001	135053	"246	"217
1115	2536	08254	01437	0012	134049	"247	"216
1116	2533	08257	01428	0015	137051	"250	"214
1117	2531	08259	01466	0023	158058	"221	"201
1118	2528	08302	01460	0027	160062	"225	"195
1119	2526	08304	01454	0039	153059	"234	"202
1120	2523	08306	01456	0049	149057	"241	"215
1121	2521	08309	01462	0061	147056	"243	"214
1122	2518	08312	01452	0067	145053	"246	"212
1123	2516	08316	01455	0074	147057	"249	"201
1137	2450	08403	01558	0134	156051	"238	"214
1138	2449	08407	01643	0208	165050	"233	"218

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ZCZC WBC829

URXX KWBC 291219 DUP

75202502 241121008

NORR3.0805-ELENA

1139	2448	08411	01643	0218	162053	"228	"222
1140	2447	08415	01645	0235	174049	235	"221
1141	2446	08419	01707	0255	181052	"229	"221
1142	2446	08423	01700	0273	192041	"235	"220
1143	2446	08428	01707	0286	191040	"237	"219
1144	2446	08432	01786	0313	202038	"238	"225
1145	2447	08436	01783	0344	203034	"239	"226
1146	2448	08440	01780	0378	205035	"243	"230
1147	2450	08444	01785	0423	232026	"250	"237
1148	2452	08447	01845	0444	269023	"253	"233
1149	2453	08451	01873	0425	294017	"251	"227
1150	2453	08455	01882	0414	310016	"252	"221
1151	2453	08459	01883	0402	327019	"243	"221
1152	2453	08503	01891	0378	331032	"238	"214
1153	2453	08507	01879	0342	334042	"236	"208
1154	2453	08511	01884	0310	340040	"233	"228
1155	2453	08515	01861	0281	343039	"239	"227
1156	2453	08519	01807	0263	347040	"236	"229
1157	2453	08523	01798	0242	349038	"235	"222
1158	2454	08527	01796	0226	340036	"237	"224
1159	2455	08530	01802	0232	342039	"240	"225
1200	2458	08529	01803	0231	357037	"245	"209
1201	2457	08524	01782	0232	353037	"237	"230
1202	2457	08520	01795	0253	001040	"238	"221
1203	2457	08516	01785	0285	359043	"240	"222
1204	2458	08512	01790	0317	359041	"246	"213
1205	2458	08507	01790	0361	359048	"233	"225
1206	2458	08503	01788	0401	016027	"243	"237
1207	2457	08459	01793	0429	035009	"255	"233
1208	2455	08455	01770	0418	317009	"250	"223

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ZCZC WBC836

URXX KWBC 291242

752025C2 241124008

NOAAR3 0805 ELENA

1209	2455	08451	01791	0443	261011	"253	"231
1210	2453	08449	01813	0443	247024	"251	"225
1211	2453	08453	01784	0424	252024	"240	"225
1212	2453	08457	01780	0433	245016	"246	"217
1213	2454	08501	01776	0429	328015	"264	"222
1214	2454	08505	01807	0394	331033	"241	"238
1215	2454	08509	01767	0354	333045	"235	"226
1216	2454	08512	01784	0317	332037	"236	"216
1217	2454	08516	01791	0289	338036	"240	"223
1218	2455	08521	01780	0271	338033	"239	"227
1219	2455	08525	01770	0252	343030	"242	"216
1220	2454	08526	01113	"0036	348017	"157	"134
1221	2455	08530	01779	0225	332036	"232	"224
1222	2455	08534	01772	0212	338037	"238	"223
1223	2455	08538	01749	0178	340030	"243	"202
1224	2455	08542	01756	0161	338034	"232	"226
1225	2455	08546	01744	0151	340031	"236	"222
1226	2455	08550	01744	0142	343029	"238	"212
1227	2455	08554	01743	0132	344025	"238	"207
1228	2456	08558	01741	0128	356022	"245	"201
1229	2456	08602	01744	0118	353021	"246	"201
1230	2456	08606	01747	0109	358022	"246	"202
1231	2456	08610	01748	0099	357020	"242	"212
1232	2456	08614	01743	0092	001018	"242	"204
1233	2456	08618	01740	0087	357014	"249	"193
1234	2457	08622	01740	0082	349016	"245	"203
1235	2457	08626	01735	0075	003014	"241	"222
1236	2457	08631	02229	0025	010018	"231	"213
1237	2457	08635	03391	"0091	002015	"209	"179
1238	2457	08639	04390	"0112	356015	"194	"171

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ZCZC WBC857

URXX KWBC 291312

75202502 241131008

NORR3 0805 ELENA

1239	2455	08642	04818	"0159	042014	"190	"146
1240	2451	08643	04826	"0157	026016	"185	"170
1241	2447	08642	04832	"0152	014017	"186	"158
1242	2443	08641	04829	"0150	014016	"182	"165
1243	2438	08640	04828	"0146	007027	"184	"166
1244	2434	08638	04840	"0144	162136	"133	"133
1245	2430	08637	04822	"0152	027015	"185	"162
1246	2426	08636	04820	"0152	012020	"182	"159
1247	2422	08635	04829	"0151	008020	"183	"152
1248	2418	08634	04828	"0156	008019	"181	"155
1249	2412	08634	04822	"0160	350022	"183	"152
1250	2411	08630	04811	"0168	340028	"181	"15
1251	2412	08627	04832	"0143	327021	"183	"177
1252	2414	08623	04823	"0144	345026	"183	"162
1253	2416	08619	04825	"0135	339027	"183	"156
1254	2418	08615	04824	"0129	337027	"185	"150
1255	2419	08611	04820	"0122	334028	"184	"145
1256	2421	08608	04823	"0111	333027	"181	"155
1257	2423	08604	04830	"0106	333029	"179	"168
1258	2425	08600	04825	"0094	326027	"183	"160
1259	2427	08556	04818	"0092	327027	"186	"152
1300	2429	08552	04819	"0081	329030	"184	"149
1301	2431	08548	04819	"0074	327033	"181	"159
1302	2433	08544	04805	"0063	327031	"179	"171
1303	2435	08541	04808	"0057	321035	"186	"146
1304	2437	0853	04828	"0036	322035	"183	"174
1305	2440	08534	04811	"0021	328037	"182	"169
1306	2443	08531	04809	"0005	324033	"189	"173
1307	2445	08528	04808	0011	320031	"191	"164
1308	2448	08524	04810	0028	319031	"190	"164

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08538

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ZCZC WBC861

URXX KWBC 291342

75202502 241134008

NOA93 0805 ELENA

1309	2450	08521	04807	0051	317034	"188	"160
1310	2453	08518	04996	0075	313037	"183	"171
1311	2456	08516	05014	0111	314034	"183	"177
1312	2459	08513	05017	0141	325024	"193	"179
1313	2502	08511	05018	0172	335025	"199	"180
1314	2505	08508	05008	0201	012012	"212	"187
1315	2507	08504	05016	0205	123008	"215	"177
1316	2509	08500	05017	0191	131016	"200	"179
1317	2511	08457	05113	0177	130018	"201	"165
1318	2514	08453	05064	0120	091057	"179	"171
1319	2517	08450	05108	0145	141045	"192	"171
1320	2519	08446	05114	0113	149048	"192	"188
1321	2521	08442	05117	0078	152048	"192	"175
1322	2523	08439	05108	0040	141051	"186	"177
1323	2525	08435	05104	0010	139057	"188	"173
1324	2527	08432	05112	"0009	141061	"184	"164
1325	2529	08428	05110	"0033	143061	"175	"153
1326	2531	08425	05104	"0053	144059	"173	"157
1327	2533	08421	05100	"0070	142056	"171	"169
1328	2535	08418	05112	"0082	143059	"177	"169
1329	2537	08414	05105	"0102	143057	"176	"164
1330	2538	08410	05103	"0119	142056	"177	"159
1331	2540	08407	05102	"0129	143056	"180	"148
1332	2541	08403	04898	"0125	143056	"185	"145
1333	2542	08459	04830	"0134	148061	"178	"157
1334	2544	08356	04831	"0144	145061	"183	"139
1335	2546	08353	04831	"0155	147059	"182	"137
1336	2547	08349	04830	"0166	148059	"182	"138
1337	2548	08346	04804	"0177	149060	"176	"154
1338	2549	08342	04785	"0188	152061	"187	"138

NNNN

NNNN

ZCZC WBC868

URXX KWBC 291412

75202502 241141008

NOAA3 0805 ELENA

1339	2551	08338	04790	"0201	150062	"185	"134
1340	2553	08335	04777	"0227	151059	"189	"127
1341	2557	08336	04758	"0234	156064	"182	"151
1342	2558	08341	04786	"0205	151063	"189	"131
1343	2559	08347	04786	"0199	150063	"185	"133
1344	2600	08351	04788	"0188	150060	"180	"134
1345	2601	08357	04787	"0177	149060	"184	"136
1346	2602	08402	04783	"0169	147061	"185	"150
1347	2603	08408	04778	"0164	143063	"183	"142
1348	2605	08413	04778	"0154	140064	"182	"143
1349	2606	08418	04805	"0143	139064	"184	"145
1350	2607	08423	04806	"0139	136066	"182	"143
1351	2608	08429	04805	"0130	134065	"186	"141
1352	2610	08434	04800	"0125	130065	"185	"142
1353	2611	08439	04797	"0121	130065	"184	"154
1354	2612	08445	04800	"0111	124063	"183	"165
1355	2613	08451	04808	"0104	119059	"177	"176
1356	2614	08456	04798	"0105	120056	"181	"172
1357	2616	08501	04800	"0099	125054	"181	"167
1358	2617	08506	04790	"0104	104053	"176	"172
1359	2619	08511	04801	"0110	108050	"189	"151
1400	2620	08517	04795	"0112	106050	"185	"166
1401	2622	08522	04797	"0116	106049	"183	"156
1402	2623	08528	04798	"0118	102048	"188	"147
1403	2625	08533	04798	"0122	094048	"187	"177
1404	2626	08538	04795	"0127	099046	"188	"171
1405	2628	08543	04792	"0134	100045	"188	"153
1406	2629	08548	04795	"0141	090044	"185	"162
1407	2630	08553	04791	"0148	094045	"185	"150
1408	2630	08558	04781	"0164	092048	"187	"164

NNNN

NNNN

ZCZC WBC872

URXX KWBC 291442

75202502 241144008

NORR3 0805 ELENA

1409	2626	08557	04797	"0144	091049	"180	"165
1410	2623	08556	04798	"0129	090049	"189	"163
1411	2619	08554	04798	"0115	089047	"187	"176
1412	2616	08553	04797	"0110	089048	"184	"165
1413	2613	08551	04793	"0099	089047	"190	"154
1414	2610	08549	04788	"0087	086045	"194	"151
1415	2607	08547	04789	"0075	082050	"184	"159
1416	2604	08545	04792	"0060	081049	"184	"159
1417	2600	08543	04791	"0048	078048	"187	"159
1418	2557	08541	04788	"0027	074051	"183	"174
1419	2554	08539	04795	"0007	086054	"178	"175
1420	2550	08538	04972	0010	077048	"179	"171
1421	2547	08537	04966	0019	072053	"179	"173
1422	2543	08536	04969	0045	066048	"180	"177
1423	2539	08535	04965	0071	074045	"183	"182
1424	2535	08533	04949	0104	069039	"185	"185
1425	2532	08532	04971	0126	055026	"194	"190
1426	2528	08530	04971	0153	040024	"196	"189
1427	2525	08526	04996	0166	022016	"193	"192
1428	2524	08522	05147	0173	345018	"198	"183
1429	2524	08517	05163	0197	116008	"200	"184
1430	2523	08512	05182	0214	159014	"193	"173
1431	2520	08510	05163	0194	203010	"198	"172
1432	2516	08507	05165	0174	233020	"206	"151
1433	2512	08505	05168	0132	227030	"192	"180
1434	2508	0802	05153	0082	224049	"178	"177
1435	2505	08500	05101	0047	220044	"179	"172
1436	2501	08458	05030	0013	220042	"178	"172
1437	2458	08456	05030	"0011	219041	"175	"165
1438	2455	08454	05007	"0027	227045	"175	"174

NNNN

08502 ✓

NNNN

ZCZC WBC877

URXX KWBC 291512

752025027241151009

NORR3 0805 ELENA

1439	2451	08452	04989	"0035	218037	"174	"174
1440	2448	08450	04961	"0045	213057	"174	"173
1441	2445	08448	04933	"0078	214053	"173	"163
1442	2442	08446	04948	"0093	203049	"171	"169
1443	2439	08445	04936	"0112	206046	"170	"163
1444	2436	08443	04933	"0134	205043	"174	"159
1445	2433	08441	04939	"0143	212037	"180	"154
1446	2429	08439	04934	"0160	203045	"179	"140
1447	2427	08438	04931	"0168	200036	"181	"144
1448	2423	08436	04931	"0176	205036	"183	"144
1449	2420	08434	04935	"0188	208036	"177	"142
1450	2417	08432	04936	"0193	207036	"182	"136
1451	2414	08431	04933	"0200	206037	"184	"133
1452	2411	08429	04929	"0203	217034	"182	"147
1453	2408	08427	04931	"0216	210038	"181	"144
1454	2405	08425	04920	"0234	213038	"183	"144
1455	2405	08421	04927	"0229	216039	"176	"145
1456	2408	0841	04927	"0239	219037	"170	"151
1457	2411	08412	04927	"0234	210039	"175	"149
1458	2414	08408	04889	"0233	199042	"170	"156
1459	2417	08404	04745	"0222	201041	"183	"138
1500	2420	08401	04745	"0227	198042	"181	"132
1501	2423	08357	04743	"0228	196043	"178	"128
1502	2427	08353	04744	"0230	197039	"175	"146
1503	2430	08350	04743	"0232	197041	"179	"130
1504	2433	08347	04743	"0238	193043	"183	"123
1505	2437	08347	04733	"0234	191048	"182	"118
1506	2439	08351	04744	"0224	191049	"177	"158
1507	2442	08355	04752	"0215	193048	"170	"160
1508	2444	08359	04743	"0204	191042	"179	"153

NNNN

NNNN

ZCZC WBC882

URXX KWBC 291542

75202502 241154009

NORR3 0805 ELENA

1509	2447	08403	04747	"0193	190045	"182	"149
1510	2449	08407	04748	"0188	187046	"177	"150
1511	2452	08411	04744	"0179	189049	"184	"148
1512	2454	08415	04742	"0173	184050	"188	"135
1513	2457	08419	04739	"0166	186053	"188	"138
1514	2459	08424	04748	"0155	186057	"183	"148
1515	2500	08428	04744	"0141	186060	"174	"154
1516	2502	08433	04746	"0125	186061	"176	"163
1517	2504	08437	04767	"0109	186061	"173	"160
1518	2505	08442	04885	"0098	189067	"168	"163
1519	2505	08447	04886	"0080	201058	"178	"164
1520	2506	08451	04879	"0066	201053	"175	"167
1521	2507	08454	04877	"0053	204059	"175	"158
1522	2507	08458	04877	"0024	204055	"11	"157
1523	2509	08502	04890	"0001	200056	"179	"172
1524	2510	08506	04881	0012	204053	"178	"169
1525	2512	08511	04883	0031	201046	"180	"164
1526	2513	08514	04976	0047	211041	"181	"173
1527	2515	08518	05052	0065	214042	"186	"166
1528	2517	08521	05048	0088	224042	"192	"164
1529	2520	08525	05047	0119	227041	"196	"171
1530	2523	08528	05054	0146	233031	"196	"178
1531	2526	08530	05052	0170	254020	"198	"177
1532	2529	08532	05045	0192	242009	"195	"171
1533	2532	08534	05046	0202	296006	"198	"170
1534	2535	08536	05040	0199	354011	"198	"149
1535	2537	08540	05050	0170	024024	"195	"148
1536	2539	08544	05039	0132	045034	"188	"151
1537	2541	08547	05054	0100	052034	"188	"153
1538	2543	08552	05047	0071	055031	"185	"159

NNNN

177

NNNN

ZCZC WBC886

URXX KWBC 291611

75202502 241161009

NOARR3 0805 ELENA

1539	2545	08555	05047	0047	059033	"181	"172
1540	2547	08500	05055	0028	060037	"183	"183
1541	2549	08604	04993	0010	048039	"183	"181
1542	2551	08608	04966	"0015	053036	"186	"169
1543	2553	08612	04939	"0032	051034	"187	"165
1544	2555	08617	04937	"0051	047037	"186	"155
1545	2557	08621	04921	"0067	053036	"181	"155
1546	2559	08625	04880	"0081	043038	"178	"167
1547	2601	08630	04811	"0085	040037	"189	"169
1548	2603	08634	04851	"0101	038034	"186	"157
1549	2604	08638	04851	"0113	046037	"186	"155
1550	2606	08642	04848	"0121	044039	"187	"157
1551	2608	08646	04850	"0127	044036	"192	"147
1552	2610	08651	04849	"0135	046038	"192	"144
1553	612	08655	04845	"0148	043035	"192	"145
1554	2614	08659	04847	"0159	046039	"192	"134
1555	2614	08704	04832	"0179	054036	"184	"136
1556	2610	08705	04836	"0171	050037	"182	"147
1557	2606	08704	04849	"0154	042036	"184	"150
1600	2556	08705	03882	"0185	035074	"149	"133
1601	2551	08705	04875	"0104	036095	"189	"161
1602	2546	08703	04874	"0096	034097	"182	"155
1603	2540	08703	04845	"0122	029095	"184	"154
1604	2535	08702	04847	"0120	027095	"181	"161
1605	2532	08653	04848	"0117	006038	"181	"174
1606	2527	08652	04847	"0113	356036	"182	173
1607	2522	08651	04853	"0111	355034	"183	"169
1608	2517	08650	04848	"0108	355038	"187	"143

1600-1605

035035
036035
034037
029035
027035

CHANGE

2612

463NN 83E

NNNN

ZCZC WBC887

URXX KWBC 291642

75202502 241164009

NORR3 0805 ELENA

1609	2513	08648	04846	"0111	351036	"178	"155
1610	2509	08647	04852	"0117	343034	"177	"161
1611	2504	08647	04842	"0118	331034	"181	"167
1612	2559	08645	04813	"0107	322035	"180	"174
1613	2455	08644	04901	"0114	325035	"185	"166
1614	2451	08642	04848	"0124	315038	"177	"165
1615	2447	08642	04848	"0133	308035	"181	"152
1616	2442	08640	04849	"0140	311037	"181	"152
1617	2437	08639	04850	"0143	292043	"175	"156
1618	2432	08637	04852	"0158	293033	"179	"154
1619	2428	08637	04845	"0168	294028	"175	"162
1620	2424	08636	04848	"0174	288027	"180	"148
1621	2420	08634	04788	"0174	289030	"182	"157
1622	2417	08633	04793	"0183	286030	"171	"155
1623	2414	08630	04776	"0200	284035	"180	"155
1624	2418	08627	04786	"0179	285036	"179	"147
1625	2423	08625	04789	"0164	282032	"177	"156
1626	2427	08624	04793	"0157	281034	"178	"155
1627	2431	08622	04792	"0148	279034	"178	"162
1628	2435	08621	04793	"0133	277036	"177	"164
1629	2439	08619	04795	"0116	272042	"178	"156
1630	2442	08616	04813	"0087	258049	"171	"171
1631	2445	08614	04924	"0094	265034	"176	"157
1632	2449	08612	04901	"0084	277032	"187	"165
1633	245	08610	04905	"0073	276030	"183	"163
1634	2456	08608	04907	"0057	280029	"180	"162
1635	2500	08607	04907	"0038	278026	"176	"171
1636	2504	08606	04904	"0020	282029	"178	"165
1637	2508	08604	05055	"0011	296031	"170	"170
1638	2512	08603	04962	0013	311028	"184	"165

NNNN

2452

NNNN

ZCZC WBC893

URXX KWBC 291712

75202502 241171009

NOA93 0805 ELENA

1639	2516	08602	04959	0027	295029	"191	"158
1640	2519	08600	04962	0042	293026	"190	"168
1641	2523	08558	04963	0063	294023	"188	"178
1642	2527	08555	04967	0084	292024	"187	"176
1643	2530	08553	04966	0109	290023	"191	"165
1644	2534	08551	05078	0137	279026	"201	"154
1645	2538	08549	05086	0180	284030	"203	"175
1646	2542	08547	05142	0223	274016	"206	"174
1647	2546	08546	05155	0254	272011	"202	"173
1648	2550	08545	05234	0278	228003	"195	"177
1649	2554	08545	05240	0297	100018	"191	"184
1650	2557	08543	05215	0273	098031	"186	"182
1651	2601	08540	05210	0234	108057	"192	"192
1652	2605	08537	05137	0188	118059	"193	"181
1653	2608	08535	05122	0141	121065	"187	"184
1654	2612	08532	05097	0099	117064	"184	"179
1655	2615	08531	05092	0060	120061	"185	"171
1656	2619	08528	05023	0038	126065	"181	"172
1657	2622	08526	05010	0004	127078	"176	"173
1658	2626	08523	05012	"0025	127076	"178	"164
1659	2629	08521	05011	"0048	132077	"176	"168
1700	2633	08518	04921	"0062	135074	"176	"169
1701	2637	08516	04913	"0089	135070	"178	"167
1702	2640	08514	04911	"0109	136070	"175	"164
1703	2644	08510	04910	"0133	134069	"178	"156
1704	2648	08508	04914	"0142	131068	"174	"166
1705	2651	08505	04802	"0156	137067	"174	"160
1706	2654	08502	04804	"0171	130059	"178	"156
1707	2657	08500	04800	"0182	129062	"185	"126
1708	2701	08458	04790	"0198	132061	"190	"116

NNNN

NNNN

ZCZC WBC897

URXX KWBC 291742

75202502 241174009

NOR3 0805 ELENA

1709	2705	08455	04786	"0207	134060	"194	"110
1710	2708	08453	04787	"0220	133059	"188	"122
1711	2712	08451	04798	"0228	128056	"180	"179
1712	2714	08448	04802	"0220	134058	"181	"152
1713	2712	08448	04804	"0209	131053	"180	"160
1714	2713	08453	04784	"0235	132059	"181	"162
1715	2715	08458	04705	"0219	132057	"187	"154
1716	2717	08503	04708	"0216	131060	"180	"161
1717	2719	08508	04827	"0231	128061	"177	"157
1718	2721	08513	04759	"0213	124062	"175	"172
1719	2723	08518	04719	"0213	120057	"178	"166
1720	2724	08523	04710	"0210	126053	"185	"165
1721	2726	08528	04722	"0208	121059	"184	"148
1722	2728	08534	04724	"0212	116057	"180	"155
1723	2729	08539	04724	"0218	115050	"181	"157
1724	2731	08545	04723	"0218	110048	"189	"153
1725	2733	08550	04718	"0226	105046	"187	"150
1726	2735	08555	04717	"0229	107045	"187	"147
1727	2737	08559	04742	"0214	097047	"188	"143
1728	2739	08557	04738	"0209	105038	"183	"152
1729	2736	08556	04696	"0250	121053	"176	"150
1730	2732	08556	04723	"0219	100049	"188	"150
1731	2728	08556	04724	"0212	104047	"191	"146
1732	2725	08556	04721	"0198	102049	"185	"159
1733	2721	08556	04721	"0187	102052	"183	"157
1734	2717	08556	04718	"0184	099051	"184	"139
1735	2713	08556	04722	"0169	099054	"186	"122
1736	2709	08557	04724	"0158	095052	"183	"134
1737	2705	08557	04714	"0150	092053	"182	"156
1738	2701	08557	04717	"0135	095055	"177	"168

NNNN

NNNN

ZCZC WBC899

URXX KMBC 291812

75202502 241181009

NORR3 0805 ELENA

1739	2657	08557	04721	"0115	097058	"183	"156
1740	2654	08557	04718	"095	102058	"180	"166
1741	2650	08557	04724	"0079	104058	"180	"158
1742	2646	08557	04810	"0058	100061	"181	"158
1743	2643	08558	04883	"0045	098058	"178	"163
1744	2639	08557	04917	"0030	102061	"174	"164
1745	2635	08557	04898	"0000	099071	"184	"157
1746	2632	08558	04988	0021	096062	"174	"166
1747	2628	08559	05011	0049	093062	"181	"168
1748	2624	08559	04999	0084	088059	"192	"163
1749	2620	08600	05070	0111	082055	"194	"160
1750	2615	08559	05075	0152	078050	"194	"165
1751	2611	08559	05105	0192	078048	"193	"181
1752	2607	08558	05218	0232	072037	"195	"188
1753	2603	08557	05205	0276	065030	"201	"174
1754	2559	08555	05239	0305	047023	"195	"171
1755	2557	08552	05292	0329	006005	"197	"172
1756	255	08548	05329	0329	204020	"208	"184
1757	2551	08547	05299	0268	226039	"196	"186
1758	2547	08547	05210	0221	236040	"196	"169
1759	2544	08547	05208	0179	243040	"195	"171
1800	250	08547	05105	0152	247040	"194	"167
1801	2536	08547	05091	0125	253038	"193	"158
1802	2532	08547	05093	0096	252036	"186	"167
1803	2528	08547	05091	0072	254035	"183	"161
1804	2524	08547	05106	0050	258037	"182	"177
1805	2520	08547	05074	0032	255039	"176	"173
1806	2516	08547	05090	0011	258034	"178	"172
1807	2512	08547	04969	0001	249034	"182	"162
1808	2508	08547	04976	"0011	252032	"182	"152

NNNN

2553. 2540

NNNN

ZCZC WBC043

URXX KWBC 300542

75202502 242054008

NORR3 1005 ELENA

0509	2701	08454	04842	"0218	179051	"164	"164
0510	2701	08458	04849	"0219	188055	"170	"134
0511	2701	08502	04935	"0219	182061	"166	"156
0512	2702	08507	05052	"0221	179060	"167	"124
0513	2702	08511	05055	"0213	172062	"172	"102
0514	2702	08516	05053	"0203	170061	"167	"120
0515	2702	08520	05051	"0192	170061	"162	"152
0516	2701	08525	05048	"0178	170064	"164	"134
0517	2701	08529	05043	"0161	169064	"175	"133
0518	2701	08533	05043	"0143	167063	"177	"131
0519	2701	08538	05053	"0136	169062	"180	"130
0520	2701	08542	05045	"0123	169065	"177	"137
0521	2701	08547	05035	"0105	165067	"176	"137
0522	2701	08551	05046	"0095	167062	"166	"157
0523	2701	08556	05040	"0078	172073	"170	"160
0524	2701	08600	0548	"0059	174072	"164	"157
0525	2702	08605	05041	"0026	172077	"168	"159
0526	2702	08609	05037	0014	171072	"177	"162
0527	2701	08614	05034	0040	177071	"174	"159
0528	2702	08618	05030	0074	179073	"169	"169
0529	2702	08622	05036	0112	180068	"176	"176
0530	2702	08627	05036	0138	180079	"174	"174
0531	2703	08631	05030	0183	190073	"181	"180
0532	2704	08635	05043	0219	190067	"184	"180
0533	2705	08640	05030	0265	191065	"185	"178
0534	2705	08644	05023	0325	187070	"186	"175
0535	2706	08648	05028	0385	204050	"197	"194
0536	2707	08652	05032	0426	205053	"191	"188
0537	2708	08656	05031	0479	207049	"207	"188
0538	2710	08700	05045	0548	216038	"204	"204

NNNN

NNNN

ZCZC WBC048

URXX KWBC 300612

75202502 242061008

N0003 1005 ELENA

0539	2712	08703	05021	0583	223026	"210	"196
0540	2715	08706	05038	0617	202010	"213	"193
0541	2716	08711	05020	0612	049009	"210	"197
0542	2714	08714	05009	0566	356015	"214	"184
0543	2712	08710	05001	0586	308031	"220	"200
0544	2715	08708	05013	0615	283009	"210	"194
0545	2719	08707	05023	0611	079015	"208	"198
0546	2722	08709	05011	0579	081021	"213	"198
0547	2722	08714	05021	0559	063030	"240	"176
0548	2723	08718	05028	0497	047032	"233	"172
0549	2723	08723	05013	0447	025026	"206	"191
0550	2724	08728	05040	0397	008041	"209	"177
0551	2724	08732	05029	0358	008049	"214	"184
0552	2724	08737	05012	0290	015047	"194	"187
0553	2724	08741	05018	0250	019057	"191	"171
0554	2723	08746	05017	0201	020055	"182	"164
0555	2722	08750	05009	0161	020053	"181	"167
0556	2723	08754	05014	0123	024052	"185	"163
0557	2723	08758	05014	0090	022050	"187	"159
0558	2724	08803	05013	0055	022053	"175	"161
0559	2724	08808	05013	0030	021053	"171	"158
0600	2725	08813	05014	0005	019048	"179	"150
0601	2724	08818	05017	"0008	279067	"104	"104
0602	2725	08823	05006	"0034	007041	"183	"146
0603	2725	08828	05007	"0054	010043	"181	"148
0604	2725	08832	05007	"0065	014040	"179	"149
0605	2725	08837	05003	"0078	013042	"186	"138
0606	2725	08843	05007	"0090	017041	"181	"142
0607	2724	08847	05006	"0097	015039	"182	"161
0608	2724	08852	05003	"0112	021041	"182	"145

NNNN

NNNN

ZCZC WBC050

URXX KWBC 300643

75202502 242064008

NORR3 1005 ELENA

0609	2723	08856	05011	"0118	015042	"180	"178
0610	2725	08859	05022	"0105	029041	"182	"150
0611	2725	08856	05017	"0108	025038	"181	"147
0612	2721	08853	05005	"0117	023038	"178	"162
0613	2718	08851	04999	"0113	015040	"178	"156
0614	2715	08848	04992	"0105	012042	"184	"144
0615	2712	08845	04996	"0098	007041	"176	"144
0616	2708	08843	04999	"0090	006042	"173	"151
0617	2704	08840	05002	"0088	004037	"175	"154
0618	2700	08838	04996	"0081	355036	"183	"146
0619	2657	08836	05004	"0067	333035 810'810		
0620	2653	08833	04996	"0065	333035	"182	"143
0621	2650	08830	05000	"0063	340037	"184	"148
0622	2646	08827	04999	"0054	342038	"183	"151
0623	2643	08823	04996	"0052	339041	"178	"159
0624	2640	08820	04998	"0049	332041	"181	"155
0625	2636	08816	04998	"0048	328038	"182	"158
0626	2632	08812	04994	"0043	320037	"177	"156
0627	2628	08808	04994	"0049	316037	"181	"163
0628	2624	08805	04991	"0050	314037	"180	"159
0629	2620	08801	04991	"0055	305037	"182	"149
0630	2616	08757	04993	"0056	304037	"181	"157
0631	2612	08754	04993	"0058	298038	"180	"166
0632	2608	08750	04993	"0067	291038	"183	"158
0633	2604	08746	05003	"0070	276037	"181	"181
0634	2601	08743	04978	"0076	279037	"179	"165
0635	2557	08739	04991	"0084	274040	"178	"155
0636	2553	08736	04983	"0095	270040	"180	"149
0637	2550	08733	04988	"0100	266039	"176	"153
0638	2547	08730	04986	"0100	268044	"172	"171

NNNN

NNNN

ZCZC WBC053

URXX KWBC 300712

75202502 242071008

NORR3 1005 ELENA

0639	2544	08727	04987	"0105	251039	"177	"157
0640	2540	08724	04993	"0108	149H82	"078	"078
0641	2537	08721	04987	"0130	241042	"175	"159
0642	2534	08718	04973	"0135	235042	"170	"159
0643	2531	08715	04987	"0148	235042	"169	"158
0644	2528	08713	05006	"0137	239046	"175	"148
0645	2527	08715	05003	"0135	246041	"175	"141
0646	2532	08716	04975	"0145	237046	"14	"163
0647	2536	08715	04977	"0135	237044	"165	"161
0648	2540	08715	05010	"0122	245046	"176	"174
0649	2545	08715	04981	"0105	242047	"177	"156
0650	2549	08715	04975	"0096	244047	"173	"161
0651	2554	08715	04973	"0072	249052	"173	"165
0652	2558	08715	04977	"0068	258048	"176	"169
0653	2602	08715	04978	"0051	252048	"174	"164
0654	2606	08714	04982	"0034	250044	"172	"172
0655	2610	08713	04980	"0020	259046	"180	"180
0656	2615	08714	04980	"0005	259050	"178	"178
0657	2619	08714	04970	0016	261051	"180	"162
0658	2623	08715	04976	0031	260050	"176	"167
0659	2626	08715	04974	0059	261054	"182	"151
0700	2630	0875	04980	0079	261053	"186	"178
0701	2634	08715	04973	0107	257056	"186	"165
0702	2638	08714	04969	0141	256058	"181	"169
0703	2642	08714	04973	0171	255059	"181	"168
0704	2646	08714	04969	0212	254059	"185	"164
0705	2650	08714	04973	0258	255060	"199	"169
0706	2654	08714	04969	0300	259058	"198	"174
0707	2658	08714	04970	0349	265049	"197	"181
0708	2702	08715	04966	0402	265044	"226	"164

249042

170

150

NNNN

NNNN

ZCZC WBC058

URXX KWBC 300742

75202502 242074008

NORR3 1005 ELENA

0709	2706	08715	04982	0461	271044	"225	"174
0710	2710	08715	04981	0502	270029	"198	"184
0711	2714	08715	04971	0533	275037	"211	"175
0712	2718	08715	04941	0588	252036	"263	"160
0713	2722	08716	04973	0609	271028	"207	"201
0714	2726	08716	04965	0629	283017	"211	"188
0715	2729	08715	04960	0636	075003	"212	"190
0716	2733	08715	04957	0628	109016	"209	"192
0717	2737	08716	04968	0590	102034	"210	"200
0718	2741	08716	04967	0511	103055	"203	"201
0719	2745	08717	04960	0442	104062	"197	"187
0720	2749	08717	04972	0366	103070	"191	"191
0721	2753	08718	04970	0306	104072	"180	"180
0722	2757	08718	04971	0265	102069	"190	"177
0723	2801	08719	04962	0227	104073	"190	"172
0724	2804	08719	04965	0194	105072	"193	"171
0725	2808	08718	04968	0151	105070	"179	"170
0726	2813	08718	04935	0057	092073	"156	"156
0727	2816	08718	04955	0041	104066	"166	"165
0728	2821	08719	04961	0020	104069	"168	"163
0729	2825	08719	04955	"0002	106065	"168	"159
0730	2829	08719	04961	"0027	109063	"169	"150
0731	2833	08719	04954	"0054	110062	"174	"141
0732	2837	08718	04971	"0070	113061	"175	"122
0733	2841	08718	04955	"0081	115062	"176	"120
0734	2845	08717	04961	"0097	114057	"178	"117
0735	2850	08717	04962	"0106	118054	"173	"120
0736	2854	08716	04958	"0115	121054	"172	"129
0737	2859	08715	04960	"0128	121054	"168	"129
0738	2903	08715	04956	"0146	122051	"167	"132

NNNN

NNNN

ZCZC WBC067

URXX KWBC 300812

75202502 242081008

NORR3 1005 ELENA

0739	2907	08714	04951	"0147	125052	"161	"138
0740	2912	08714	04953	"0156	124049	"161	"142
0741	2916	08714	04967	"0162	120043	"162	"158
0742	2917	08711	04966	"0151	125051	"161	"156
0743	2914	08713	04950	"0157	121053	"160	"149
0744	291	08718	04957	"0158	121047	"160	"155
0745	2911	08723	04953	"0152	115041	"170	"160
0746	2909	08727	04948	"0149	120048	"164	"152
0747	2907	08731	04959	"0143	116047	"168	"147
0748	2904	08735	04960	"0138	113050	"159	"143
0749	2901	08738	04961	"0135	106049	"160	"142
0750	2858	08741	04954	"0124	103048	"167	"140
0751	2855	08745	04953	"0116	100047	"175	"138
0752	2852	08748	04951	"0107	094045	"178	"137
0753	2849	08752	04955	"0097	088044	"184	"138
0754	2846	08756	04959	"0090	084046	"177	"147
0755	2842	08800	04959	"0082	077044	"190	"119
0756	2839	08803	04953	"0070	077045	"194	"136
0757	2835	08807	04953	"0062	076048	"208	"124
0758	2831	08810	04959	"0054	075050	"198	"127
0759	2828	08813	04957	"0049	073051	"199	"135
0800	2825	08817	04971	"0033	064048	"202	"131
0801	2826	08821	04973	"0038	063056	"189	"135
0802	2827	08819	04969	"0038	072051	"193	"138
0803	2825	08817	04953	"0042	069052	"202	"135
0804	2822	08814	04949	"0023	069054	"202	"137
0805	2820	08812	04953	"0001	070061	"191	"140
0806	2818	08809	04955	0015	069063	"178	"155
0807	2815	08806	04951	0032	071061	"174	"156
0808	2813	08804	04952	0052	066059	"173	"166

NNNN

NNNN

ZCZC WBC071

URXX KWBC 300842

75202502 242084008

NORR3 1005 ELENA

0809	2810	08801	04954	0068	068058	"170	"169
0810	2808	08759	04947	0094	071065	"169	"168
0811	2805	08756	04947	0131	071065	"179	"164
0812	2803	08753	04944	0144	073056	"183	"172
0813	2801	08750	04944	0167	074064	"181	"175
0814	2759	08748	04948	0212	072063	"182	"179
0815	2757	08745	04948	0249	064049	"186	"179
0816	2755	08742	04956	0297	070045	"197	"176
0817	2753	08738	04963	0369	078058	"204	"174
0818	2751	08736	04938	0461	082064	"209	"170
0819	2749	08733	04941	0480	082059	"207	"186
0820	2747	08731	04967	0527	090041	"209	"188
0821	2743	08731	04946	0546	089035	"210	"187
0822	2738	08731	04956	0586	091026	"207	"193
0823	2734	08731	04945	0626	095018	"214	"192
0824	2730	08731	04943	0638	091005	"211	"197
0825	2727	08730	04924	0629	301023	"212	"198
0826	2723	08727	04954	0641	288034	"227	"187
0827	2720	08724	04907	0624	282025	"213	"200
0828	2716	08721	04942	0577	251033	"219	"200
0829	2714	08717	04956	0518	241055	"215	"201
0830	2711	08713	04941	0455	233075	"199	"198
0831	2709	08709	04946	0385	226078	"191	"185
0832	2705	08706	04941	0323	219076	"190	"179
0833	2703	08704	04942	0276	222076	"188	"174
0834	2700	08702	04948	0222	222074	"185	"182
0835	2657	08700	04946	0186	220073	"186	"172
0836	2655	08658	04944	0153	219070	"186	"163
0837	2652	08656	04947	0126	218070	"190	"158
0838	2649	08654	04904	0066	210077	"188	"153

NNNN

NNNN

ZCZC WBC075

URXX KWBC 300913

75202502 242091008

NORR3 1005 ELENA

0839	2646	08652	04945	0082	212069	"177	"177
0840	2644	08650	04929	0067	208068	"175	"173
0841	2641	08647	04943	0048	214069	"177	"171
0842	2639	08645	04947	0022	213073	"178	"176
0843	2636	08643	04948	0003	205072	"178	"176
0844	2634	08640	04938	"0011	205072	"172	"172
0845	2632	08637	04935	"0021	214065	"177	"169
0846	2631	08634	04944	"0046	210067	"177	"165
0847	2629	08631	04945	"0068	207065	"172	"164
0848	2626	08628	04940	"0085	208065	"179	"156
0849	2625	08625	04944	"0103	208065	"169	"163
0850	2621	08623	04940	"0110	195063	"171	"160
0851	2619	08620	04931	"0114	195065	"165	"159
0852	2616	08618	04934	"0116	195056	"159	"159
0853	2614	08616	04910	"0137	194065	"155	"153
0854	2612	08614	04941	"0144	189063	"166	"144
0855	2609	08612	04937	"0148	189062	"168	"123
0856	2607	08609	04941	"0162	194058	"170	"150
0857	2605	08607	04973	"0158	201060	"172	"138
0858	2605	08610	04958	"0158	198053	"170	"140
0859	2610	08610	04949	"0167	193059	"165	"154
0900	2615	08608	04927	"0153	188063	"171	"113
0901	2619	08606	04939	"0144	189065	"164	"113
0902	2624	08604	04937	"0137	184064	"162	"122
0903	2628	08602	04948	"0127	178064	"161	"101
0904	2633	08600	04939	"0131	178062	"158	"110
0905	2637	08558	04941	"0131	182064	"158	"146
0906	2642	08556	04948	"0135	181060	"158	"132
0907	2646	08554	04938	"0138	176062	"167	"107
0908	2651	08552	04940	"0137	178062	"161	"100

NNNN

NNNN

ZCZC WBC080

URXX KWBC 300942

75202502 242094008

NDARR3 1005 ELENA

0909	2655	08550	04934	"0135	175063	"163	"095
0910	2700	08548	04944	"0138	173062	"161	"098
0911	2705	08546	04919	"0137	170063	"164	"088
0912	2710	08545	04931	"0143	166064	"172	"085
0913	2715	08543	04932	"0141	167058	"162	"162
0917	2732	08534	02932	"0091	164038	"101	"059
0918	2737	08532	04938	"0161	163064	"172	"095
0919	2742	08530	04934	"0163	162065	"173	"088
0920	2746	08527	04942	"0165	167063	"169	"116
0921	2751	08524	04936	"0172	165061	"176	"092
0922	2755	08522	04937	"0178	165059	"19	"072
0923	2800	08520	04931	"0190	163058	"181	"061
0924	2803	08518	04929	"0189	156050	"171	"161
0925	2808	08516	04934	"0198	162053	"181	"096
0926	2812	08515	04934	"0206	163052	"182	"086
0927	2817	08513	04934	"0212	165050	"178	"129
0928	2821	08511	04938	"0215	165048	"178	"111
0929	2825	08509	04934	"0222	164045	"178	"134
0930	2830	08508	04930	"0218	164046	"178	"145
0931	2834	08506	04937	"0223	168047	"186	"102
0932	2838	08504	04933	"0230	165045	"183	"122
0933	2840	08501	04952	"0210	164051	"189	"108
0934	2838	08503	04927	"0226	167047	"190	"096
0935	2838	08507	04936	"0222	169050	"186	"115
0936	2836	08510	04927	"0215	167050	"184	"107
0937	2834	08514	04940	"0214	166050	"179	"128
0938	2832	08518	04924	"0209	161050	"178	"131

NNNN

NNNNP

ZCZC WRC081

URXX KWBC 301012

75202502 242101008

NOAA3 1005 ELENA

0939	2830	08522	04936	"0203	160053	"176	"113
0940	2828	08526	04913	"0191	153047	"178	"166
0941	2826	08530	04932	"0188	163062	"174	"099
0942	2824	08534	04931	"0183	161065	"175	"079
0943	2823	08538	04933	"0176	158067	"172	"078
0944	2821	08542	04939	"0165	157068	"169	"076
0945	2819	08546	04937	"0152	159072	"167	"099
0946	2817	08550	04936	"0141	159073	"163	"102
0947	2816	08554	04939	"0133	159072	"165	"095
0948	2815	08559	04932	"0121	158074	"170	"099
0949	2813	08603	04927	"0106	159075	"170	"136
0950	2812	08606	04932	"0088	148068	"162	"158
0951	2810	08610	04941	"0078	155082	"167	"122
0952	2809	08615	04930	"0058	154083	"160	"129
0953	2808	08619	04928	"0033	153085	"182	"118
0954	2806	08623	04933	"0017	148087	"175	"128
0955	2805	08626	04933	0018	147087	"171	"137
0956	2803	08630	04940	0058	149086	"165	"156
0957	2801	08634	04928	0093	149083	"165	"159
0958	2800	08637	04940	0124	149088	"168	"165
0959	2758	08641	04933	0168	161089	"176	"172
1000	2756	08644	04939	0208	155089	"173	"173
1001	2754	08647	04934	0226	157085	"178	"178
1002	2753	08651	04931	0258	168088	"183	"181
1003	2751	08655	04926	0293	164080	"180	"180
1004	2750	08658	04931	0360	169086	"185	"185
1005	2748	08702	04917	0417	180084	"185	"185
1006	2747	08706	04932	0474	169081	"186	"183
1007	2747	08710	04919	0562	183072	"200	"197
1008	2746	08714	04928	0633	172053	"201	"199

NNNN

ZCZC WBC084

URXX KWBC 301042

75202502 242104009

NORR3 1005 ELENA

1009	2745	08719	04930	0696	171040	"207	"197
1010	2744	08723	04927	0746	163033	"229	"178
1011	2743	08728	04914	0784	113021	"247	"175
1012	2739	08728	04931	0808	026008	"244	"180
1013	2735	08728	04963	0802	268038	"220	"184
1014	2734	08730	04928	0746	279035	"242	"179
1015	2733	08733	04934	0681	293040	"244	"173
1016	2732	08737	04932	0613	300062	"243	"167
1017	2731	08740	04910	0569	299062	"285	"122
1018	2730	08744	04944	0502	307062	"246	"147
1019	2729	08747	04938	0440	310056	"221	"164
1020	2728	08751	04940	0387	312051	"201	"171
1021	2728	08755	04929	0342	315049	"192	"180
1022	2727	08758	04932	0296	319046	"190	"178
1023	2725	08802	04932	0254	325044	"185	"177
1024	2724	08805	04930	0214	329049	"183	"175
1025	2723	08808	04930	0180	330055	"193	"158
1026	2722	08812	04928	0147	330049	"183	"167
1027	2720	08816	04928	0123	331044	"176	"166
1028	2719	08821	04928	0097	331046	"178	"162
1029	2717	08824	04933	0073	331041	"175	"166
1030	2716	08829	04937	0050	332045	"176	"163
1031	2714	08833	04937	0026	333044	"178	"170
1032	2712	08837	04931	0092	342049	"182	"156
1033	2711	08841	04917	"0025	345035	"179	"158
1034	2706	08841	04924	"0034	338038	"178	"161
1035	2703	08838	04928	"0027	333037	"178	"159
1036	2759	08835	04928	"0024	328040	"179	"159
1037	2655	08832	04936	"0018	317038	"184	"157
1038	2652	08829	04932	"0019	311037	"178	"165

NNNN

ZCZC WBC197

URXX KMBC 310011

75202502 243001008

N0993 1205 ELENA

2348	2548	08017	00028	"0218	020014	"300	"209
2349	2548	08017	00029	"0219	070011	"299	"211
2350	2548	08017	00029	"0219	086014	"294	"235
2351	2548	08017	00029	"0219	086014	"293	"230
252	2548	08017	00029	"0219	085014	"292	"233
2353	2548	08017	00029	"0219	085013	"292	"229
2354	2548	08017	00029	"0219	085014	"292	"228
2355	2548	08017	00029	"0219	085014	"292	"227
2356	2548	08017	00029	"0219	088014	"291	"238
2357	2548	08017	00029	"0219	087015	"289	"240
2358	2548	08017	00029	"0219	086014	"289	"241
2359	2548	08017	00029	"0219	085014	"289	"240
0000	2548	08017	00028	"0218	162011	"289	"239
0001	2548	08017	00027	"0217	234008	"287	"239
0002	2547	08017	00026	"0216	258007	"290	"239
0003	2547	08017	00027	"0217	198007	"290	"240
0004	2547	08017	00026	"0216	246007	"292	"240
0005	2547	08018	00028	"0218	328012	"291	"237
0006	2547	08018	00028	"0219	344014	"293	"238
0007	2547	08018	00029	"0219	344014	"291	"238
0008	2547	08018	00026	"0216	337007	"292	"238

NNNN

on Ground

474NN 83E

NNNN

ZCZC WBC306

URXX KWBC 310942

75202502 243094010

NOAA3 1205 ELENA

0909	2735	08315	14818	"0821	227058	"014	028
0910	2732	08312	15069	"061	225054	"003	030
0911	2728	08309	15063	"0618	229055	"002	023
0912	2724	08306	15054	"0629	231050	"000	021
0913	2720	08303	15060	"0635	250048	"015	009
0914	2716	08259	15059	"0650	233054	002	016
0915	2713	08255	15059	"0645	234057	001	019
0916	2711	08250	15070	"0651	227053	"000	"000
0917	2709	08245	15056	"0672	218046	"002	014
0918	2707	08241	15059	"0683	211047	"000	040
0919	2705	08236	15061	"0686	211043	"002	043
0920	2702	08232	15059	"0684	215047	"006	016
0921	2657	08231	15058	"0688	217046	"004	044
0922	2653	08231	15057	"0686	219047	"006	049
0923	2649	08230	15053	"0695	219048	"000	041
0924	2645	08230	15050	"0700	220045	001	035
0925	2640	08230	15046	"0711	215041	004	037
0926	2637	08227	15052	"0710	219043	002	044
0927	2635	08222	15044	"0719	223038	"000	038
0928	2635	08216	15050	"0715223043		009	037
0929	2635	08210	15045	"0688	223047	010	031
0930	2634	08204	15054	"0704	223044	013	031
0931	2634	08159	15051	"0708	233046	009	054
0932	2633	08153	15050	"0687	227044	010	051
0933	2632	08147	15049	"0683	222041	008	041
0934	2630	08142	15053	"0684	220040	007	035
0935	2629	08137	15050	"0686	217034	002	047
0936	2627	08132	15048	"0698	222037	005	041
0937	2625	08127	15050	"0702	226036	004	038
0938	2623	08122	15048	"0699	237036	005	043

NNNN

NNNN

ZCZC WBC300

URXX KWBC 310913

75202502 243091009

NORR3 1205 ELENA

0839	2844	08457	05729	0722	174018	"196	"183
0840	2842	08453	05722	0702	193032	"193	"184
0841	2840	08449	05724	0674	200043	"191	"176
0842	2838	08446	05729	0641	205049	"191	"185
0843	2835	08442	05721	0602	207057	"189	"175
0844	2833	08438	05550	0571	207066	"186	"176
0845	2832	08435	05555	0520	210078	"180	"168
0846	2829	08431	05525	0463	205079	"174	"168
0847	2827	08427	05334	0427	201082	"174	"171
0848	2826	08423	05325	0381	206084	"179	"168
0849	2824	08420	05278	0341	203082	"177	"161
0850	2821	08417	05279	0303	205080	"189	"155
0851	2819	08413	05252	0267	205078	"177	"162
0852	2817	08410	05230	0242	205077	"171	"161
0853	2815	08406	05132	0219	218077	"178	"160
0854	2813	08403	05138	0185	211077	"171	"155
0855	2811	08359	05132	0159	209077	"171	"147
0856	2809	08355	05107	0145	226072	"190	"151
0857	2806	08352	05098	0114	211075	"168	"152
0858	2804	08348	05091	0097	216073	"174	"152
0859	2802	08344	05115	0087	211069	"172	"168
0900	2800	08341	05079	0071	209072	"165	"165
0901	2758	08337	05045	0056	211073	"170	"156
0902	2756	08334	0644	"0083	211058	"144	"139
0903	2754	08330	08326	"0149	218076	"117	"116
0904	2752	08326	#9702	"0238	219071	"095	"087
0905	2748	08324	10974	"0317	217064	"080	"052
0906	2745	08322	12351	"0403	229053	"058	"032
0907	2742	08320	13420	"0479	218065	"029	"008
0908	2739	08318	13753	"0503	222060	"027	"005

NNNN

NNNN

ZCZC WBC297

URXX KMBC 310842

75202502 243084009

NORR3 1205 ELENA

0809	2716	08408	04916	"0027	218066	"166	"153
0810	2719	08410	04971	"0016	229064	"173	"165
0811	2723	08413	04959	"0009	225069	"168	"17
0812	2726	08415	04959	0014	226072	"170	"153
0813	2730	08418	04959	0027	225072	"176	"155
0814	2733	08420	05004	0040	225073	"176	"149
0815	2737	08423	05054	0056	225072	"171	"149
0816	2740	08425	05054	0083	226073	"176	"147
0817	2744	08428	05050	0103	226075	"172	"152
0818	2747	08430	05083	0129	228074	"169	"153
0819	2750	08433	05098	0161	228080	"174	"150
0820	2754	08435	05166	0181	227074	"173	"163
0821	2757	08438	05178	0212	226070	"175	"168
0822	2800	08440	05217	0245	227074	"177	"166
0823	2803	08443	05251	0282	227075	"172	"165
0824	2806	08445	05268	0326	230081	"177	"165
0825	2808	08448	05310	0376	229081	"178	"161
0826	2811	08451	05435	0425	235085	"184	"159
0827	2814	08453	05431	0487	237087	"182	"169
0828	2817	08455	05486	0541	240088	"184	"171
0829	2820	08457	05522	0582	238069	"187	"167
0830	2823	08500	05532	0619	236058	"187	"186
0831	2827	08501	05624	0646	244048	"194	"178
0832	2830	08503	05627	0684	246041	"193	"182
0833	2834	08505	05628	0716	255030	"197	"171
0834	2838	08506	05726	0727	254022	"193	"180
0835	2842	08507	05726	0748	262010	"195	"187
0836	2846	08508	05727	0739	066007	"200	"173
0837	2848	08505	05748	0732	106020	"199	"171
0838	2846	08501	05723	0722	124010	"202	"170

NNNN

NNNN

ZCZC WBC294

URXX KWBC 310812

75202502 243081009

NQAA3 1205 ELENA

0739	2727	08511	05085	0102	256067	"174	"157
0740	2723	08511	05009	0085	259065	"176	"153
0741	2719	08511	05003	0066	260065	"175	"135
0742	2715	08511	05006	0045	258061	"175	"149
0743	2712	08512	05005	0027	258061	"172	"150
0744	2708	08512	05005	0013	256060	"168	"157
0745	2704	08512	05003	"0000	252060	"170	"163
0746	2700	08512	05010	"0014	251059	"169	"156
0747	2657	08512	04928	"0022	251056	"174	"147
0748	2654	08513	04929	"0031	248054	"169	"151
0749	2650	08513	04929	"0041	249054	"174	"147
0750	2647	08513	04908	"0062	245048	"179	"149
0751	2646	08509	04918	"0062	247054	"179	"148
0752	2646	08504	04917	"0063	244055	"168	"149
0753	2647	08458	04920	"0060	241057	"175	"145
0754	2648	08453	04920	"0060	239058	"177	"147
0755	2649	08448	04916	"0067	239058	"179	"146
0757	2653	08438	04722	"0074	232056	"170	"140
0758	2656	08434	04939	"0045	225060	"173	"157
0759	2657	08429	04954	"0033	227062	"171	"167
0800	266	08424	04913	"0056	230058	"177	"145
0801	2656	08419	04918	"0058	228061	"174	"152
0802	2656	08413	04919	"0063	224058	"179	"148
0803	2657	08408	04914	"0066	224061	"177	"142
0804	2658	08403	04918	"0067	219062	"173	"152
0805	2700	08359	04900	"0088	222067	"178	"139
0807	2708	08403	04735	"0070	220062	"171	"12
0808	2712	08406	04915	"0043	220064	"174	"141

NNNN

NNNN

ZCZC WBC287

URXX KWBC 310743

75202502 243074009

NDRA3 1205 ELENA

0709	2822	08518	05539	0578	291041	"201	"155
0710	2825	08521	05543	0587	300040	"201	"153
0711	2828	08523	05540	0595	310043	"219	"144
0712	2830	08526	05538	0606	317044	"226	"134
0713	2833	08529	05543	0607	329044	"217	"148
0714	2835	08530	05565	0619	357045	"211	"155
0715	2836	08526	05535	0636	343046	"206	"166
0716	2837	08522	05536	0681	339037	"205	"185
0717	2839	08518	05667	0693	334029	"202	"176
0719	2842	08510	05479	0679	025003	"190	"162
0720	2843	08505	05667	0709	164011	"195	"171
0721	2840	08503	05675	0712	187022	"192	"174
0722	2836	08503	05663	0726	192024	"199	"178
0723	2831	08503	05660	0725	225030	"198	"176
0724	2827	08504	05671	0693	240037	"195	"176
0725	2823	08504	05664	0655	248047	"195	"183
0726	2818	08504	05542	0620	250049	"199	"156
0727	2814	08504	05552	0577	254051	"207	"149
0728	2810	08504	05510	0542	253057	"203	"154
0729	2806	08505	05475	0504	253068	"197	"173
0730	2802	08506	05475	0456	258075	"193	"172
0731	2758	08507	05479	0396	262079	"193	"173
0732	2754	08507	05298	0352	262074	"183	"175
0733	2750	08508	05241	0307	266068	"180	"173
0734	2746	08508	05209	0262	265071	"185	"169
0735	2742	08509	05201	0227	269066	"177	"165
0736	2738	08509	05158	0188	269063	"180	"165
0737	2734	08510	05113	0155	267059	"178	"168
0738	2730	08511	05089	0125	256062	"172	"168

NNNN

NNNN

ZCZC WBC285

URXX KWBC 310713

75202502 243071009

NORR3 1205 ELENA

0639	2903	08506	05408	0515	105041	"194	"171
0640	2859	08507	05399	0563	101041	"193	"183
0641	2855	08508	05537	0604	109030	"200	"186
0642	2852	08509	05615	0636	117022	"196	"187
0643	2848	08511	05598	0665	105018	"193	"187
0644	2844	08511	05645	0688	100008	"196	"182
0645	2840	08512	05652	0699	159005	"198	"169
0646	2836	08513	05634	0708	204009	"197	"174
0647	2834	08509	05634	0697	228023	"200	"169
0648	2833	08504	05641	0675	214036	"198	"178
0649	2833	08459	05645	0646	209047	"194	"176
0650	2833	08454	05642	0602	202053	"187	"181
0651	2833	08449	05634	0536	208055	"188	"167
0652	2838	08448	05628	0530	197067	"193	"170
0653	2841	08452	05648	0582	185055	"195	"165
0654	2844	08456	05574	0618	175045	"193	"170
0655	2848	08500	05575	0638	161037	"191	"169
0656	2851	08504	05580	0640	142030	"193	"175
0657	2854	08508	05573	0619	136029	"194	"186
0658	2852	08511	05569	0635	097036	"200	"173
0659	2848	08511	05583	0683	090021	"201	"176
0700	2844	08511	05677	0696	107008	"195	"175
0701	2840	08511	05675	0705	138003	"196	"169
0702	2836	08511	05672	0716	234008	"200	"170
0703	2832	08511	05669	0706	260023	"198	"178
0704	2828	08511	05674	0664	263033	"196	"181
0705	2824	08511	05671	0618	267041	"196	"180
0706	2820	08511	05674	0572	266040	"192	"170
0707	2817	08512	05695	0560	281049	"193	"171
0708	2820	08515	05537	0560	282042	"203	"158

NNNN

NNNN

ZCZC WBC274

URXX KWBC 310642

75202502 243064009

NOAA3 1205 ELENA

0609	2906	08426	05143	0202	149067	"173	"173
0610	2908	08422	05136	0170	144066	"173	"171
0611	2910	08418	05070	0145	151067	"176	"167
0612	2912	08415	05078	0118	142067	"170	"169
0613	2914	08411	05045	0085	137068	"166	"165
0614	2916	08407	05043	0126	149075	"163	"163
0615	2919	08404	05071	0093	138071	"157	"157
0616	2920	08400	05048	0088	135074	"154	"154
0617	2922	08357	05060	0070	135070	"145	"145
0618	2924	08353	04967	0050	139071	"156	"146
0619	2926	08349	04974	0040	130064	"145	"145
0620	2929	08347	04964	0003	131053	"151	"139
0621	2932	08350	04962	"0005	138059	"149	"140
0622	2933	08355	04977	0035	127064	"155	"137
0623	2932	08401	05018	0061	127062	"153	"142
0624	2932	08406	05031	0079	125064	"145	"142
0625	2932	08412	05038	0089	129074	"152	"145
0626	2931	08417	05015	0106	110066	"152	"150
0627	2930	08423	05134	0109	122068	"158	"151
0628	2929	08428	05077	0131	103076	"155	"155
0629	2929	08434	05086	0151	105075	"161	"159
0630	2928	08440	05082	0182	101074	"163	"159
0631	2927	08446	05190	0199	102078	"160	"160
0632	2926	08452	05202	0247	256103	"043	"043
0633	2925	08458	05206	0260	090072	"158	"158
0634	2923	08503	05221	0278	084092	"158	"158
0635	2919	08504	05365	0330	089080	"164	"164
0636	2918	08505	05376	0328	091206	"166	"164
0638	2907	08505	05397	0463	101045	"189	"181

NNNN



ZCZC WBC273

URXX KWBC 310612

75202502 243061009

NDARR3 1205 ELENA

0539	2804	08624	05001	0082	336054	"177	"162
0540	2806	08620	05136	0101	337054	"172	"164
0541	2808	08616	05137	0134	341057	"170	"166
0542	2809	08612	05141	0173	347066	"169	"169
0544	2811	08604	05038	0217	336058	"191	"157
0545	2813	08659	05158	0290	339069	"183	"170
0546	2814	08556	05321	0353	338062	"187	"179
0547	2816	08551	05330	0416	333062	"193	"182
0548	2818	08548	05408	0468	334049	"210	"178
0549	2820	08543	05413	0505	334046	"208	"164
0550	2822	08539	05549	0532	335039	"202	"161
0551	2824	08535	05563	0565	322035	"210	"158
0552	2826	08532	05565	0615	326032	"211	"159
0553	2829	08528	05560	0649	326028	"195	"180
0554	2831	08524	05677	0672	334019	"195	"176
0555	2833	08520	05683	0684	316014	"193	"166
0556	2836	08517	05677	0695	289010	"196	"168
0557	2839	08514	05700	0707	158010	"196	"177
0558	2841	08510	05652	0670	160018	"197	"172
0559	2844	08506	05613	0635	151027	"194	"188
0600	2846	08502	05474	0589	152034	"194	"183
0601	2848	08458	05459	0545	161037	"188	"167
0602	2850	08454	05461	0505	162042	"183	"168
0603	2852	08450	05420	0463	163046	"186	"175
0604	2855	08446	05380	0428	173059	"182	"178
0605	2857	08442	05336	0381	166071	"176	"176
0606	2859	08438	05299	0327	160070	"172	"172
0607	2902	08434	05207	0277	153065	"175	"175
0608	2904	08430	05114	0246	159070	"178	"174

NNNN



NNNN

ZCZC WBC269

URXX KWBC 310542

75202502 243054009

NDAA3 1205 ELENA

0509	2756	08812	04791	"0156	338027	"180	"132
0510	2752	08810	04789	"0157	335028	"178	"137
0511	2748	08808	04792	"0154	332025	"168	"148
0512	2744	08806	04796	"0154	327026	"167	"145
0513	2740	08804	04792	"0154	329025	"166	"150
0514	2736	08802	04792	"0156	325024	"177	"134
0515	2731	08859	04790	"0153	325026	"180	"128
0516	2727	08757	04793	"0153	319027	"185	"124
0517	2725	08753	04771	"0167	326038	"188	"124
0518	2727	08749	04791	"0145	317029	"185	"129
0519	2729	08745	04796	"0141	325025	"175	"144
0520	2731	08742	04797	"0135	330028	"176	"148
0521	2733	08738	04788	"0131	321030	"173	"169
0522	2735	08734	04790	"0123	325033	"170	"164
0523	2736	08730	04889	"0122	327030	"171	"150
0524	2738	08726	04889	"0117	325031	"176	"147
0525	2740	08722	04890	"0109	327031	"170	"148
0526	2741	08717	04888	"0101	326032	"177	"147
0527	2743	08714	04891	"0094	333032	"174	"151
0528	2745	08709	04885	"0079	330032	"184	"147
0529	2747	08705	04884	"0070	335035	"175	"154
0530	2749	08701	04891	"0059	341037	"176	"155
0531	2751	08656	04888	"0044	339039	"171	"155
0532	2753	08651	04891	"0031	338037	"172	"149
0533	2754	08647	04887	"0020	338039	"181	"147
0534	2755	08643	04885	"0003	335037	"176	"143
0535	2757	08639	05010	0002	340045	"177	"140
0536	2759	08635	05001	0022	341045	"180	"150
0537	2800	08631	05001	0039	340048	"173	"157
0538	2802	08627	05003	0059	337050	"175	"160

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NNNN

ZCZC WRC263
URXX KWBC 310513
75202502 243051009
NDRA3 1205 ELENA

0439	2838	08706	04954	"0014	007046	"183	"140
0440	2838	08712	04946	"0027	009046	"169	"151
0441	2838	08716	04946	"0039	007042	"176	"150
0442	2839	08722	04945	"0051	010044	"172	"164
0443	2839	08727	04954	"0061	005040	"183	"141
0444	2840	08731	04888	"0069	003037	"175	"145
0445	2840	08736	04843	"0079	006039	"190	"137
0446	2840	08741	04842	"0090	001036	"192	"136
0447	2841	08746	04846	"0104	357031	"187	"138
0448	2840	08750	04843	"0112	001029	"182	"140
0449	2840	08755	04848	"0116	002030	"182	"140
0450	2840	08800	04839	"0123	008028	"177	"144
0451	2840	08804	04846	"0134	004028	"180	"140
0452	2840	08809	04848	"0140	357028	"175	"141
0453	2839	08813	04848	"0146	000033	"177	"128
0454	2840	08818	04848	"0149	001032	"187	"122
0455	2840	08822	04847	"0160	353030	"189	"118
0456	2841	08827	04838	"0162	357028	"189	"116
0457	2841	08832	04799	"0157	357026	"190	"116
0458	2840	08836	04777	"0188	027019	"188	"121
0459	2836	08834	04796	"0172	008027	"189	"123
0500	2833	08831	04805	"0158	356022	"188	"130
0501	2829	08829	04793	"0166	001026	"189	"131
0502	2825	08827	04795	"0162	000026	"189	"133
0503	2821	08825	04795	"0160	354026	"185	"128
0504	2817	08823	04794	"0159	344026	"182	"130
0505	2813	08821	04798	"0160	345024	"172	"160
0506	2809	08819	04800	"0161	343023	"178	"156
0507	2804	08817	04790	"0158	344027	"181	"135
0508	2800	08814	04791	"0156	340026	"182	"133

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0175

300

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NNNNA

ZCZC WBC261

URXX KWBC 310442

75202502 243044009

NDARR3 1205 ELENA

0409	2832	08449	05327	0332	187081	"179	"176
0410	2832	08454	05324	0391	185081	"181	"178
0411	2832	08459	05324	0454	191078	"182	"182
0412	2832	08502	05538	0492	190071	"182	"179
0413	2832	08507	05546	0544	191059	"192	"176
0414	2832	08510	05551	0591	189048	"186	"174
0415	2832	08514	05541	0624	187039	"190	"170
0416	2832	08519	05547	0663	180025	"195	"176
0417	2831	08523	05558	0685	192016	"195	"180
0418	2831	08528	05648	0690	250005	"199	"169
0419	2832	08533	05645	0682	357018	"199	"178
0420	2832	08537	05647	0642	359035	"200	"165
0421	2831	08541	05559	0594	001042	"204	"162
0422	2832	08546	05533	0557	004044	"208	"151
0423	2833	08550	05494	0521	009052	"201	"159
0424	2833	08556	05461	0474	012056	"199	"159
0425	2834	08601	05406	0431	009057	"193	"172
0426	2834	08606	05414	0364	011075	"177	"177
0427	2834	08611	05397	0299	010074	"194	"166
0428	2834	08616	05219	0267	005068	"198	"149
0429	2834	08621	05223	0227	004065	"198	"143
0430	2834	08625	05127	0191	007064	"185	"146
0431	2835	08629	05124	0148	010060	"172	"152
0432	2835	08634	05118	0113	009064	"173	"155
0433	2835	08639	05029	0089	010063	"168	"161
0434	2835	08643	05040	0067	013059	"170	"164
0435	2836	08647	05030	0044	006054	"193	"145
0436	2837	08652	04990	0024	010049	"176	"137
0437	2837	08657	05000	0007	014047	"167	"151
0438	2838	08702	04985	"0005	012048	"169	"163

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ZCZC WBC259

URXX KWBC 310412

75202502 243041009

NOAA3 1205 ELENA

0339	2804	08304	04786	"0171	180052	"178	"147
0340	2809	08304	04792	"0169	180054	"175	"138
0341	2814	08305	04788	"0168	178049	"179	"128
0342	2818	08305	04787	"0165	177053	"172	"146
0343	2823	08305	04783	"0160	176053	"181	"166
0344	2828	08305	04790	"0149	175059	"176	"144
0345	2833	08306	04765	"0146	173045	"174	"133
0346	2837	08307	04770	"0170	180054	"179	"131
0347	2837	08312	04790	"0135	177051	"174	"144
0348	2837	08316	04791	"0129	171054	"178	"112
0349	2837	08320	04787	"0118	165057	"171	"144
0350	2837	08325	04799	"0103	158062	"159	"128
0351	2837	08330	04821	"0087	162055	"163	"136
0352	2837	08334	04849	"0063	162057	"168	"135
0353	2837	08339	04911	"0052	161064	"168	"110
0354	2837	08343	04910	"0034	157069	"172	"117
0355	2836	08348	04903	"0019	154071	"162	"148
0356	2836	08353	04889	0001	163072	"178	"165
0357	2835	08358	04903	"0001	168055	"165	"163
0358	2835	08402	04907	0012	169063	"167	"158
0359	2835	08407	05007	0023	163069	"164	"162
0400	2835	08411	05013	0053	176067	"165	"165
0401	2835	08416	04985	0060	172071	"176	"166
0402	2834	08420	04997	0086	176071	"173	"163
0403	2833	08424	05164	0106	181075	"175	"164
0404	2833	08428	05205	0135	185077	"174	"162
0405	2833	08432	05213	0165	184075	"171	"167
0406	2833	08437	05205	0190	180080	"169	"165
0407	2833	08441	05197	0241	182082	"169	"166
0408	2832	08445	05272	0292	184083	"171	"166

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ZCZC WBC257

URXX KWBC 310343

75202502 243034009

NOA93 1205 ELENA

0309	2815	08446	05174	0206	201081	"172	"166
0310	2814	08442	05096	0163	196079	"168	"161
0311	2813	08438	05093	0138	197077	"174	"172
0312	2812	08434	05104	0100	197077	"171	"165
0313	2810	08430	05018	0077	200075	"175	"156
0314	2809	08426	05018	0051	200073	"169	"160
0315	2808	08422	05013	0026	202070	"170	"161
0316	2807	08417	04997	0063	200074	"174	"168
0317	2805	08413	05114	"0000	195065	"165	"160
0318	2804	08409	04869	0010	187068	"166	"166
0319	2803	08405	04898	0002	184061	"176	"167
0320	2802	08402	04893	"0016	184062	"170	"167
0321	2800	08358	04886	"0030	188062	"171	"165
0322	2859	08354	04884	"0039	181061	"173	"156
0323	2759	08350	04885	"0047	177065	"164	"150
0324	2758	08346	04886	"0051	174070	"164	"152
0325	2757	08342	04884	"0066	178066	"166	"139
0326	2756	08338	04884	"0081	187058	"172	"136
0327	2755	08334	04879	"0102	179061	"175	"124
0328	2754	08331	04881	"0116	181061	"172	"134
0329	2753	08327	04889	"0133	183060	"172	"134
0330	2752	08323	04801	"0145	186058	"174	"134
0331	2751	08319	04793	"0150	185056	"175	"138
0332	2749	08315	04791	"0154	182039	"173	"138
0333	2748	08311	04794	"0151	176054	"170	"145
0334	2746	08307	04785	"0163	181057	"172	"166
0335	2746	08303	04780	"0192	188042	"172	"157
0336	2749	08303	04783	"0184	187052	"175	"143
0337	2754	08304	04796	"0174	180050	"171	"158
0338	2759	08304	04797	"0172	183053	"180	"119

NNNN

NNNN

ZCZC WBC252

URXX KWBC 310312

75202502 243031009

NDAAA3 1205 ELENA

0239	2921	08630	05035	0060	064058	"185	"151
0240	2918	08627	05068	0077	060058	"176	"156
0241	2915	08624	05067	0090	060052	"181	"141
0242	2912	08621	05062	0104	058051	"184	"147
0243	2909	08619	05055	0125	053059	"183	"145
0244	2907	08616	05130	0148	056060	"178	"144
0245	2904	08613	05187	0164	054065	"172	"150
0246	2901	08611	05187	0197	054064	"178	"148
0247	2858	08608	05181	0237	055066	"181	"154
0248	2855	08605	05215	0282	054070	"177	"158
0249	2853	08602	05331	036	056070	"183	"152
0250	2850	08600	05331	0380	057076	"183	"169
0251	2847	08557	05493	0436	058068	"180	"178
0252	2844	08554	05471	0498	049064	"202	"169
0253	2841	08551	05465	0552	047053	"205	"162
0254	2839	08548	05543	0599	041046	"224	"153
0255	2836	08545	05559	0642	044028	"224	"159
0256	2834	08541	05604	0652	053013	"206	"171
0257	2831	08539	05594	0666	052006	"198	"177
028	2828	08536	05587	0661	332004	"202	"176
0259	2827	08531	05595	0657	211020	"196	"171
0300	2825	08526	05599	0624	210033	"193	"169
0301	2824	08522	05547	0572	207055	"181	"170
0302	2823	08517	05475	0515	207058	"180	"174
0303	2822	08513	05461	0516	1226	U18	U18
0304	2821	08508	05407	0416	139238	"172	"172
0305	2820	08504	05327	0372	210074	"180	"177
0306	2819	08459	05300	0327	210085	"174	"174
0307	2817	08455	05251	0284	202081	"169	"169
0308	2816	08451	05178	0250	203083	"174	"173

NNNN

ZCZC WBC243

URXX KWBC 310242

75202502 243024009

N0003 1205 ELENA

0209	3009	08619	04857	"0087	089042	"181	"139
0210	3010	08624	04858	"0095	096040	"175	"139
0211	3010	08630	04857	"0099	090039	"179	"133
0212	3011	08636	04855	"0103	084042	"176	"131
0213	3012	08641	04856	"0110	084037	"185	"129
0214	3012	08647	04857	"0122	085034	"178	"133
0215	3012	08652	04854	"0127	085036	"175	"135
0216	3013	08657	04851	"0127	080040	"173	"140
0217	3013	08703	04851	"0130	081039	"174	"141
0218	3014	08708	04849	"0133	086039	"175	"136
0219	3014	08713	04857	"0139	079032	"186	"129
0220	3014	08718	04849	"0158	092029	"182	"126
0221	3011	08720	04841	"0163	071039	"179	"126
0222	3008	08718	04816	"0135	073032	"185	"126
0223	3005	08715	04814	"0130	076039	"189	"127
0224	3002	08712	04814	"0122	076043	"182	"131
0225	3000	08710	04837	"0115	076039	"175	"133
0226	2957	08707	04837	"0109	076039	"171	"143
0227	2954	08705	04835	"0103	077037	"168	"146
0228	2951	08701	04832	"0094	073039	"176	"143
0229	2948	08659	04843	"0084	075044	"169	"149
0230	2945	08656	04884	"0077	073049	"171	"147
0231	2943	08653	04878	"0063	069049	"176	"144
0232	2940	08650	04878	"0050	070048	"168	"151
0233	2937	08647	04878	"0040	069050	"166	"153
0234	2934	08644	04974	"0030	068050	"167	"147
0235	2931	08642	04978	"0019	071054	"168	"152
0236	2929	08639	04972	"0001	066056	"71	"152
0237	2926	08636	04983	0013	064058	"166	"154
0238	2923	08633	04981	0041	070056	"176	"152

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ZCZC WBC239

URXX KWBC 310213

75202502 243021008

NORR3 1205 ELENA

0139	2837	08541	05586	0612	108040	"212	"170
0140	2840	08539	05563	0558	109042	"201	"177
0141	2844	08537	05472	0493	121059	"181	"178
0142	2847	08535	05436	0412	120081	"170	"170
0143	2851	08532	05287	0354	122074	"177	"173
0144	2854	08530	05283	0298	122071	"171	"167
0145	2857	08528	05179	0256	123069	"173	"161
0146	2900	08525	05155	0214	123064	"179	"152
0147	2904	08523	05153	0172	124060	"177	"159
0148	2907	08521	05093	0137	122062	"178	"143
0149	2911	08518	05077	0102	125059	"171	"154
0150	2914	08516	05072	0079	12605	"172	"156
0151	2917	08514	04990	0059	121053	"168	"159
0152	2921	08511	04979	0036	125047	"170	"153
0153	2924	08509	04973	0004	132037	"170	"157
0154	2928	08511	04992	0002	121044	"169	"148
0155	2931	08516	04980	"0006	118045	"164	"154
0156	2934	08520	04926	"0010	115047	"164	"156
0157	2937	08525	04928	"0017	110048	"164	"162
0158	2940	08529	04943	"0014	103044	"163	"163
0159	2943	08534	04911	"0013	090060	"164	"159
0200	2946	08538	04930	"0027	094053	"166	"153
0201	2950	08542	04917	"0040	098050	"179	"152
0202	2953	08546	04914	"0048	108047	"177	"155
0203	2956	08551	04920	"0057	088047	"182	"143
0204	2959	08555	04898	"0069	098042	"183	"143
0205	3002	08559	04893	"0073	096038	"192	"137
0206	3005	08603	04892	"0075	099039	"184	"133
0207	3007	08608	04889	"0082	100044	"176	"142
0208	3008	08613	04878	"0077	093042	"164	"150

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ZCZC WBC230

URXX KWBC 310142

75202502 243014008

NOAA3 1205 ELENA

0109	2739	08400	05984	"0134	185062	"157	"108
0110	2742	08404	04885	"0079	183052	"178	"128
0111	2744	08408	04876	"0070	191066	"173	"144
0112	2745	08412	04883	"0047	184065	"171	"153
0113	2746	08417	04939	"0031	193072	"174	"167
0114	2747	08421	04980	"0019	182060	"174	"170
0115	2749	08426	04981	"0009	18906	"169	"169
0116	2750	08430	04989	0022	197071	"178	"172
0117	2752	08434	04974	0019	195069	"173	"158
0118	2753	08438	04986	0039	202067	"172	"168
0119	2754	08442	05011	0051	205071	"167	"166
0120	2756	08446	05021	0076	206074	"167	"164
0121	2757	08450	05079	0100	206073	"174	"165
0122	2759	08454	05103	0123	198067	"176	"173
0123	2800	08458	05100	0147	205072	"181	"158
0124	2802	08502	05119	0186	205077	"177	"159
0125	2804	08506	05177	0215	202076	"172	"165
0126	2805	08510	05239	0261	201077	"169	"167
0127	2806	08514	05293	0326	206084	"168	"168
0128	2808	08518	05412	0391	213089	"167	"167
0129	2810	0851	05404	0433	220075	"173	"173
0130	2813	08525	05403	0489	218069	"176	"176
131	2815	08528	05520	0530	218066	"183	"180
0132	2817	08532	05535	0586	219055	"183	"179
0133	2820	08536	05605	0634	217041	"188	"176
0134	2822	08539	05605	0667	213026	"194	"178
0135	2824	08543	05652	0695	142027	"218	"178
0136	2826	08547	05673	0698	035015	"204	"168
0137	2830	08546	05643	0683	064011	"212	"169
0138	2833	08543	05637	0663	108024	"203	"182

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NNNN

ZCZC WBC221

URXX KMBC 310112

75202502 243011008

NOAA3 1205 ELENA

0039	2648	08146	15975	"0777	194029	048	092
0040	2649	08150	15976	"0763	192031	047	077
0041	2651	08155	15969	"0752	193032	040	076
0042	2653	08200	15963	"0772	193036	037	068
0043	2655	08205	15963	"0774	193038	038	071
0044	2657	08210	15959	"0761	192042	031	067
0045	2658	08214	15953	"0778	186042	033	063
0046	2700	08219	15955	"0752	187043	023	068
0047	2702	08224	15957	"0752	186044	036	078
0048	2704	08229	15956	"0786	187046	038	069
0049	2706	08234	15954	"0786	188049	032	069
0050	2708	08240	15954	"0785	193051	028	068
0051	2710	08245	15945	"0779	196054	033	059
0052	2712	08250	15916	"0799	212059	048	059
0053	2713	08254	15942	"0768	195054	036	055
0054	2715	08259	15944	"0759	195056	031	052
0055	2716	08304	15950	"0752	204050	024	042
0056	2716	08308	15951	"0743	207050	023	038
0057	2715	08312	15951	"0742	210048	013	035
0059	2714	08320	15883	"0736	213042	019	036
0100	2716	08323	15949	"0739	207043	019	036
0101	2719	08327	15949	"0740	206043	012	039
0102	2722	08331	15948	"0733	203050	019	037
0103	2725	08335	15091	"0876	30667	?61	?61
0104	2728	08339	13748	"0599	274090	"002	002
0105	2731	08343	12011	"0720	199058	"036	"019
0106	2733	08347	10476	"0414	194058	"075	"047
0107	2735	08352	08851	"0401	191063	"103	"059
0108	2737	08356	07267	"0221	193063	"133	"090

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ZCZC WBC205

URXX KWBC 310042

75202502 243004008

NORR3 1205 ELENA

0009	2547	08016	00033	"0223	143006	"288	"241
0010	2547	08013	00600	0121	144008	"268	"237
0011	2548	08010	01319	"0100	104002	"249	"230
0012	2551	08009	02234	"0147	194009	"241	"181
0013	2554	08010	03162	"0235	181006	"224	"164
0014	2557	08012	03724	"0252	196016	"213	"145
0015	2559	08016	04254	"0266	169008	"207	"124
0016	2600	08020	05052	"0312	190009	"198	"089
0017	2601	08025	05692	"0339	194015	"187	"071
0018	2600	08029	06559	"0352	208014	"174	"058
0019	2602	08033	07319	"0397	219010	"154	"052
0020	2606	08035	07833	"0438	218019	"147	"045
0021	2609	08038	08418	"0457	216021	"133	"123
0022	2612	08041	08951	"0571	216026	"122	"052
0023	2615	08045	09514	"0512	210026	"106	"026
0024	2617	08048	09980	"0540	211027	"093	"012
0025	2618	08053	10525	"0567	215026	"083	"002
0026	2620	08057	11248	"0585	213020	"063	007
0027	2623	08101	11766	"0612	203020	"047	018
0028	2625	08104	12152	"0644	195019	"036	030
0029	2627	08108	12754	"0659	196022	"031	041
0030	2629	08112	13285	"0665	206021	"030	053
0031	2631	08116	13837	"0695	225023	"025	062
0032	2634	08119	14190	"0715	211023	"019	071
0033	2636	08123	14604	"0741	210023	"004	079
0034	2638	08126	14801	"1187	202025	003	086
0035	2641	08130	15303	"0777	207025	017	094
0036	2643	08133	15507	"0778	200027	025	102
0037	2645	08137	15785	"0782	200026	035	100
0038	2646	08141	15979	"0779	202027	045	096

NNNN

0019

NNNN

ZCZC WBC419

URXX KMBC 311808

75201058 243180510

NDAA2 1305 ELENA

1734	2837	08337	04946	0612	213074	"190	"177
1735	2834	08334	04940	0557	218073	"182	"182
1736	2831	08332	04944	0500	218072	"180	"180
1737	2829	08330	04944	0446	222071	"178	"178
1738	2826	08328	04939	0394	223069	"177	"177
1739	2823	08325	04937	0346	222067	"175	"171
1740	2819	08323	04936	0307	224065	"175	"169
1741	2816	08320	04938	0263	219068	"165	"165
1742	2813	08318	04931	0216	216072	"158	"158
1743	2810	08315	04937	0188	215070	"155	"155
1745	2805	08310	04942	0124	217068	"157	"156
1746	2802	08308	04946	0102	216067	"157	"142
1748	2756	08303	04937	0057	213065	"156	"137
1749	2754	08300	04940	0032	214061	"155	"138
1750	2751	08258	04941	0019	210061	"154	"139
1751	2748	08256	04946	0002	212061	"161	"130
1752	2745	08253	04942	"0010	215060	"157	"128
1753	2742	08251	04938	"0021	217060	"159	"125
1754	2739	08248	04942	"0042	219058	"163	"122
1755	2737	08246	04945	"0050	219052	"159	"127
1756	2734	08243	04941	"0051	218055	"165	"146
1757	2731	08240	04941	"0076	216050	"166	"130
1758	2729	08236	04949	"0076	217049	"164	"124
1759	2727	08233	04948	"0082	219050	"168	"121
1800	2724	08230	04941	"0095	217050	"159	"146
1801	2720	08228	04938	"0105	215052	"163	"138
1802	2717	08226	04944	"0104	216051	"164	"139
1803	2714	08224	04940	"0119	219052	"172	"129

NNNN

NNNN

ZCZC WBC420

URXX KWBC 311810

75202502 243181008

N0003 1405 ELENA

1759	2548	08017	00009	"4970	080030	"373	"227
1800	2548	08017	00024	"4936	079003	"374	"226
1801	2548	08017	00027	"4933	077005	"374	"229
1802	2548	08017	00027	"4933	071002	"363	"210
1803	2548	08017	00031	"4929	080005	"361	"205
1804	2548	08017	00030	"4930	079006	"363	"207
1805	2548	08017	00028	"4932	069002	"361	"205
1806	2548	08017	00032	"4928	196018	"327	"208
1807	2548	08017	00030	"4930	269016	"323	"210
1808	2548	08016	00042	"4918	247009	"329	"207

NNNN

ON RUNWAY
KC

454NN 83E

NNNN

ZCZC WBC427

URXX KWBC 311836

75201058 243183508

NOAA2 1305 ELENA

1817	2633	08152	04938	"0222	222052	"167	"101
1818	2633	08147	04939	"0199	221054	"173	"027
1819	2633	08142	04934	"0196	221054	"168	"115
1820	2633	08137	04941	"0194	220054	"174	"088
1821	2633	08132	04948	"0190	222050	"166	"118
1822	2631	08128	04933	"0200	214046	"164	"116
1823	2629	08124	04932	"0217	215039	"161	"134
1824	2627	08120	04939	"0214	220039	"159	"138
1825	2625	08116	04938	"0223	221039	"162	"118
1826	2622	08113	04938	"0224	222039	"162	"117
1827	2620	08109	04940	"0234	216037	"172	"067
1828	2618	08105	04941	"0229	214033	"173	"059
1829	2616	08101	04940	"0236	217034	"173	"089
1830	2614	08057	04932	"0232	218028	"165	"125
1831	2612	08053	04933	"0235	217031	"168	"139
1832	2610	08050	04941	"0241	213030	"164	"115
1833	2608	08046	04931	"0243	211028	"170	"098

~~ON TUESDAY~~

KL

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NNNN

ZCZC WBC428

URXX KWBC 311842

752025C2 243184009

NDRAA3 1405 ELENA

1809	2548	08016	00038	"4922	219003	"327	"213
1810	2548	08016	00033	"4927	049003	"330	"224
1811	2548	08016	00040	"4920	251012	"329	"223
1812	2548	08016	00034	"4926	252014	"336	"223
1813	2548	08016	00035	"4925	254011	"340	"224
1814	2548	08016	00036	"4924	252014	"339	"223
1815	2547	08016	00046	"4914	218014	"327	"219
1816	2547	08017	00029	"4931	205014	"318	"208
1817	2548	08020	00432	"0178	207019	"297	"209
1818	2549	08023	00882	"0015	201020	"279	"212
1819	2550	08027	01733	"0042	200022	"256	"206
1820	2552	08030	02744	"0109	207021	"226	"189
1821	2556	08032	03669	"0167	209027	"210	"161
1822	2600	08034	04313	"0172	213031	"198	"145
1823	2603	08036	05267	"0226	217032	"183	"102
1824	2607	08038	06095	"0308	215032	"162	"111
1825	2610	08041	06649	"0271	209034	"149	"116
1826	2613	08044	07655	"0327	224039	"134	"072
1827	2616	08046	08477	"0357	223041	"119	"062
1828	2619	08049	08945	"1077	215041	"108	"041
1829	2622	08051	09462	"0395	214042	"096	"027
1830	2625	08054	10231	"0460	217043	"076	"016
1831	2628	08057	10832	"0455	217045	"066	"006
1832	2630	08100	11456	"0472	218047	"052	004
1833	2630	08104	11953	"0495	217042	"053	"053
1834	2630	08108	12482	"0522	217042	"032	014
1835	2630	08112	13062	"0542	212042	"023	021
1836	2630	08116	13607	"0554	214039	"013	001
1837	2631	08120	14038	"0562	212041	"018	015
1838	2631	08124	14615	"0614	212041	"003	024

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445NN 83E

NNNN

ZCZC WBC436

URXX KWBC 311912

75202502 243191009

NOAA3 1405 ELENA

1839	2631	08128	15056	"0753	216038	007	030
1840	2632	08132	15582	"0642	223038	018	045
1841	2632	08136	16006	"0666	220033	024	048
1842	2633	08140	16096	"0664	228030	022	065
1843	2633	08144	16080	"0659	217035	028	056
1844	2634	08149	16066	"0674	218037	029	050
1845	2634	08153	16058	"0686	221039	026	073
1846	2634	08158	16069	"0684	220040	021	072
1847	2635	08203	16069	"0686	225042	016	072
1848	2635	08207	16066	"0673	230046	016	076
1849	2636	08212	16063	"0702	231044	021	057
1850	2636	08216	16065	"0709	227042	015	066
1851	2636	08220	16068	"0710	232044	021	046
1852	2636	08225	16076	"0697	247043	024	079
1853	2639	08228	15384	"0671	242041	007	059
1854	2644	08230	14638	"0687	241041	003	028
1855	2648	08233	13935	"0580	242043	"015	039
1856	2653	08235	13272	"0542	243049	"026	058
1857	2658	08237	12538	"0497	241048	"046	034
1858	2702	08240	11454	"0427	234050	"068	037
1859	2706	08242	10581	"0361	229048	"080	"014
1900	2711	08245	09638	"0299	226045	"094	"064
1901	2715	08247	08654	"0256	223053	"107	"078
1902	2719	08250	07693	"0184	224055	"126	"074
1903	2724	08253	06263	"0318	224051	"156	"089
1904	2728	08255	05846	"0055	221055	"157	"100
1905	2732	08257	05023	"0002	220054	"171	"119
1906	2736	08300	04973	0020	219057	"165	"115
1907	2740	08302	04972	0037	218058	"167	"112
1908	2743	08304	04979	0058	216059	"164	"131

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NNNN

ZCZC WBC441

URXX KWBC 311942

75202502 243194009

NORR3 1405 ELENA

1909	2747	08307	04975	0077	219059	"159	"156
1910	2751	08309	04973	0100	219064	"157	"156
1911	2754	08311	04974	0124	225064	"156	"151
1912	2758	08314	04968	0151	221067	"157	"152
1913	2801	08316	04970	0185	221069	"159	"155
1914	2805	08318	04971	0217	225068	"163	"158
1915	2808	08321	05196	0245	233071	"163	"160
1916	2812	08323	05203	0280	230070	"167	"163
1917	2815	08325	05202	0319	229072	"170	"166
1918	2818	08327	05270	0335	238077	"166	"166
1919	2822	08330	05296	0415	231076	"174	"171
1920	2825	08332	05286	0474	226071	"183	"179
1921	2828	08335	05439	0520	221070	"184	"181
1922	2831	08338	05433	0585	220069	"188	"179
1923	2834	08341	05555	0642	224051	"209	"171
1924	2837	08344	05649	0679	212045	"207	"182
1925	2840	0834	05653	0724	215033	"202	"179
1926	2842	08351	05674	0753	218025	"210	"179
1927	2844	08355	05710	0765	200012	"214	"163
1928	2846	08359	05714	0759	359011	"207	"181
1929	2849	08400	05730	0774	046017	"201	"179
1930	2849	08356	05718	0757	076013	"207	"181
1931	2850	08352	05706	0758	131018	"208	"178
1932	2850	08348	05709	0741	167020	"202	"184
1933	2850	08343	05697	0712	173034	"203	"197
1934	2850	08339	05708	0670	171049	"198	"188
1935	2849	08335	05714	0625	172054	"198	"168
1936	2849	08330	05705	0566	174061	"186	"172
1937	2849	08326	05702	0509	179066	"180	"168
1938	2849	08322	05699	0455	182067	"178	"175

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NNNNRAVA

ZCZC WBC443

URXX KWBC 312012

75202502 243201009

NOAA3 1405 ELENA

1939	2849	08318	05395	0422	183072	"174	"169
1940	2849	08313	05403	0370	184075	"166	"163
1941	2849	08309	05394	0327	182076	"163	"160
1942	2849	08305	05367	0286	183073	"163	"158
1943	2849	08301	05273	0250	174073	"161	"155
1944	2849	08257	05213	0223	176075	"166	"148
1945	2849	08253	05220	0192	174070	"163	"144
1946	2848	08249	05254	0192	182078	"158	"145
1947	2848	08252	05223	0191	178073	"160	"143
1948	2851	08257	05219	0211	174072	"162	"146
1949	2853	08301	05220	0240	172074	"163	"150
1950	2856	08305	05219	0275	169075	"160	"157
1951	2859	08310	05211	0311	175072	"165	"163
1952	2902	08314	05214	0344	169073	"167	"164
1953	2905	08318	5211	0375	162072	"169	"166
1954	2907	08323	05211	0398	156070	"172	"167
1955	2910	08328	05322	0411	148065	"175	"170
1956	2913	08332	05379	0418	138063	"174	"170
1959	2924	08344	03893	0109	111051	"127	"116
2000	2928	08347	05379	0301	104067	"164	"164
2001	2931	08351	05333	0285	094072	"167	"160
2002	2935	08353	05320	0271	093071	"166	"154
2003	2934	08351	05306	0266	094062	"169	"152
2004	2931	08351	05291	0291	092069	"169	"158
2005	2927	08352	05284	0320	096072	"165	"164
2006	2923	08352	05286	0367	096071	"168	"167
2007	2920	08353	05291	0420	095071	"170	"168
2008	2916	08353	05419	0472	099069	"175	"173

NNNN

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NNNN

ZCZC WBC448

URXX KWBC 312042

752025C2 243204009

NORR3 1405 ELENA

2009	2913	08353	05420	0527	095056	"186	"180
2010	2909	08353	05536	0577	094052	"192	"183
2011	2905	08353	05543	0637	091048	"202	"175
2012	2901	08353	05616	0685	092038	"211	"178
2013	2857	08354	05653	0725	080027	"206	"180
2014	2854	08353	05651	0760	080019	"207	"190
2015	2850	08352	05714	0775	094010	"210	"178
2016	2846	08352	05715	0776	251012	"209	"170
2017	2843	08353	05728	0779	270022	"204	"179
2018	2844	08356	05737	0780	318017	"203	"184
2019	2846	08353	05743	0801	255012	"213	"164
2020	2842	08353	05715	0761	264018	"204	"178
2021	2838	08353	05713	0735	261022	"203	"175
2022	2835	08353	05709	0708	252031	"190	"179
2023	2831	08352	05686	0694	260050	"193	"189
2024	2827	08352	05686	0636	262069	"195	"189
2025	2823	08352	05573	0564	261076	"183	"171
2026	2820	08352	05458	0500	262074	"181	"163
2027	2816	08352	05455	0436	264071	"182	"162
2028	2812	08352	05371	0392	269068	"179	"163
2029	2809	08352	05357	0341	271071	"174	"164
2030	2805	08352	05346	0295	269067	"171	"166
2031	2801	08352	05236	0256	267066	"168	"165
2032	2757	08352	05242	0222	269062	"167	"163
2033	2753	08353	05173	0192	271060	"168	"162
2034	2750	08353	05171	0166	270060	"162	"159
2035	2746	08353	05144	0142	270060	"161	"158
2036	2743	08354	05182	0150	278063	"160	"155
2037	2746	08354	05120	0144	275058	"160	"157
2038	2749	08350	05131	0157	270060	"160	"157

1350

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NNNN

ZCZC WBC451

URXX KWBC 312112

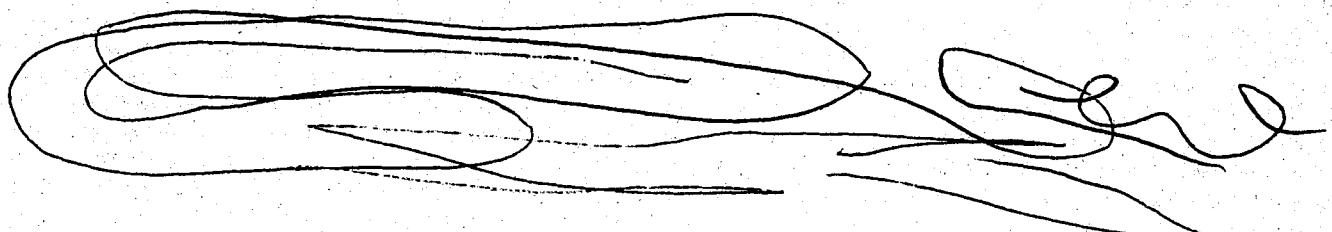
75202502 243211009

NOAA3 1405 ELENA

2039	2752	08346	05130	0174	266062	"161	"158
2040	2755	08342	05123	0192	263061	"167	"160
2041	2759	08339	05126	0218	259063	"168	"162
2042	2802	08335	05162	0243	253064	"170	"163
2043	2806	08332	05221	0261	248066	"171	"163
2044	2810	08328	05228	0283	243070	"170	"164
2045	2813	08325	05220	0304	237072	"170	"166
2046	2817	08321	05254	0320	233073	"170	"167
2047	2821	08317	05281	0324	227075	"168	"165
2048	2825	08313	05285	0328	220076	"167	"165
2049	2829	08310	05289	0316	214073	"169	"167
2050	2833	08306	05282	0302	207072	"169	"167
2051	2837	08302	05289	0283	202074	"165	"165
2052	2841	08258	05281	0259	194075	"163	"163
2053	2845	08255	05275	0226	182072	"160	"158
2054	2848	08251	05314	0224	179077	"164	"152
2055	2846	08250	05211	0233	186070	"167	"150
2056	2847	08255	05219	0232	179073	"163	"159
2057	2847	08259	05212	0265	185078	"162	"161
2058	2847	08303	05199	0310	192076	"168	"166
2059	2847	08307	05278	0350	192079	"170	"167
2100	2847	08311	05284	0394	196079	"173	"171
2101	2848	08315	05354	0432	189072	"178	"174
2102	2848	08319	05436	0481	189076	"184	"167
2103	2849	08324	05471	0548	188077	"189	"169
2104	2850	08328	05538	0621	186070	"191	"184
2105	2850	08332	05581	0683	193051	"191	"182
2106	2851	08337	05690	0711	187041	"188	"173
2107	2852	08341	05693	0736	170029	"204	"175
2108	2851	08345	05700	0761	172019	"205	"186



plot 1809-2038



455NN 83E

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NNNN

ZCZC WBC453

URXX KNBC 312142

75202502 243214009

NDRA3 1405 ELENA

2109	2851	08350	05694	0773	145010	"211	"174
2110	2849	08354	05693	0774	004007	"213	"166
2111	2849	08359	05686	0756	350018	"210	"169
2112	2849	08403	05688	0727	357036	"205	"173
2113	2849	08408	05694	0678	002048	"199	"174
2114	2849	08412	05696	0618	004055	"197	"166
2115	2849	08417	05695	0554	004061	"197	"166
2116	2849	08421	05687	0496	358063	"186	169
2117	2849	08426	05687	0434	357060	"182	"169
2118	2849	08430	05683	0373	006064	"171	"168
2119	2849	08435	05689	0320	009065	"186	"163
2120	2849	08439	05682	0280	008072	"162	"160
2121	2849	08444	05687	0248	008070	"158	"156
2122	2849	08448	05244	0237	005067	"167	"161
2123	2849	08452	05225	0208	004061	"164	"159
2124	2849	08457	05227	0175	004060	"162	"157
2125	2849	08501	05222	0153	006056	"164	"152
2126	2851	08503	05239	0161	016055	"169	"148
2127	2849	08500	05124	0162	004057	"162	"154
2128	2846	08457	05114	0168	002060	"164	"156
2129	2842	08453	05128	0195	000060	"164	"158
2130	2839	08449	05121	0214	355062	"168	"159
2131	2836	08446	05131	0234	352064	"167	"161
2132	2833	08442	05127	0252	351066	"168	"164
2133	2829	08438	05126	0266	345066	"170	"166
2134	2826	08434	05123	0280	338066	"174	"167
2135	2822	08430	05126	0288	334068	"174	"169
2136	2818	08426	05129	0288	325066	"173	"169
2137	2815	08422	05126	0288	319066	"173	"170
218	2811	08418	05131	0279	309067	"168	"168

NNNN

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1909-2138
comp

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ZCZC WBC455

URXX KMBC 312211

75202502 243221009

NOAA3 1405 ELENA

2139	2808	08414	05128	0266	299068	"164	"164
2140	2804	08410	05243	0243	287066	"167	"161
2141	2800	08406	05199	0219	286061	"173	"163
2142	2757	08402	05195	0197	283057	"176	"162
2143	2754	08358	05201	0177	274053	"171	"160
2144	2751	08354	05132	0157	273055	"165	"160
2145	2747	08352	05154	0162	266057	"162	"158
2146	2748	08354	05137	0156	270051	"164	"156
2147	2752	08354	05133	0161	272057	"167	"159
2148	2756	08353	05129	0191	269055	"172	"162
2149	2800	08353	05129	0222	272061	"175	"163
2150	2803	08352	05126	0261	271068	"169	"161
2151	2807	08352	05134	0312	275073	"170	"164
2152	2811	08352	05298	0349	2740W 446NN	83E	

2238

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NNNN

ZCZC WBC461

URXX KWBC 312242

75202502 243224009

NORR3 1405 ELENA

2209	2915	08345	05492	0499	096065	"183	"179
2210	2920	08346	05443	0453	098070	"177	"177
2211	2924	08347	05418	0399	098072	"176	"173
2212	2928	08348	05378	0359	093078	"168	"167
2213	2932	08348	05299	0312	088075	"168	"165
2214	2936	08349	05259	0260	084073	"165	"159
2215	2938	08352	05217	0205	088072	"172	"152
2216	2934	08356	05250	0252	075074	"169	"153
2217	2931	08400	05244	0291	073078	"166	"159
2218	2927	08404	05244	0324	069078	"166	"163
2219	2923	08408	05252	0357	068078	"169	"165
2220	2920	08412	05315	0371	068078	"172	"167
2221	2916	08416	05316	0387	063071	"178	"171
2222	2913	08421	05317	0379	054068	"177	"171
2223	2909	08425	05314	0371	043075	"168	"165
2224	2905	08429	05319	0342	026077	"162	"162
2225	2901	08434	05314	0320	022077	"162	"162
2226	2858	08438	05304	0291	015077	"164	"159
2227	2854	08442	05163	0175	338048	"165	"156
2228	2851	08446	05230	0232	011069	"161	"156
2229	2847	08446	05209	0206	003072	"163	"156
2230	2847	08442	05242	0255	358070	"161	"157
2231	2847	08437	05242	0292	002071	"166	"160
2232	2848	08433	05235	0335	002075	"167	"163
2233	2848	08429	05244	0389	005079	"164	"164
2234	2848	08425	05401	0424	008069	"175	"170
2235	2848	08421	05412	0475	000065	"185	"178
2236	2848	08417	05488	0543	353064	"192	"181
2237	2848	08412	05515	0613	355064	"207	"160
2238	2848	08408	05510	0695	358061	"213	"185

2139

2238

NNNN

NNNN

ZCZC WBC466

URXX KWBC 312313

75202502 243231009

NOAAR3 1405 ELENA

2239	2848	08403	05722	0738	355045	"199	"187
2240	2848	08359	05744	0780	354033	"209	"187
2241	2848	08354	05732	0813	342022	"218	"164
2242	2849	08350	05735	0823	289004	"216	"167
2243	2851	08345	05736	0813	170008	"206	"187
2244	2852	08341	05742	0804	170015	"210	"178
2245	2853	08336	05733	0772	166033	"201	"183
2246	2854	08332	05746	0714	162054	"196	"185
2247	2853	08328	05660	0654	164057	"194	"179
2248	2852	08324	05576	0599	175066	"183	"178
2249	2851	08320	05564	0537	172069	"179	"177
2250	2851	08316	05447	0484	173068	"179	"176
2251	2850	08312	05458	0427	181070	"175	"172
2252	2850	08308	05395	0374	181078	"169	"168
2253	2850	0834	05308	0328	181077	"174	"163
2254	2849	08300	05312	0283	177071	"168	"164
2255	2849	08256	05244	0251	181066	"168	"161
2256	2848	08252	05242	0220	180062	"166	"159
2257	2847	08251	05267	0234	185061	"165	"161
2258	2850	08255	05172	0241	31406	182	182
2259	2854	08258	05170	0256	190053	"169	"158
2300	2858	08301	05170	0276	170069	"172	"160
2301	2902	08304	05247	0290	166069	"171	"162
2302	2906	08307	05254	0295	158069	"171	"163
2303	2910	08311	05256	0301	150067	"171	"165
2304	2914	08315	05256	0302	141068	"171	"166
2305	2918	08318	05257	0291	133069	"171	"167
2306	2922	08322	05248	0285	130067	"168	"168
2307	2926	08326	05256	0271	120065	"170	"168
2308	2930	08329	05241	0252	116066	"172	"166

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2308

NNNN

NNNN

ZCZC WBC474

URXX KWBC 312342

752025C2 243234009

NDARR3 1405 ELENA

2309	2934	08333	05246	0227	112065	"170	"165
2310	2938	08336	05188	0197	104059	"172	"166
231	2941	08340	05191	0170	096064	"166	"161
2312	2945	08343	05118	0149	091064	"176	"152
2313	2948	08347	05128	0126	085059	"185	"151
2314	2952	08348	05149	0132	086060	"181	"150
2315	2950	08347	05124	0120	084055	"184	"147
2316	2946	08347	05133	0131	080057	"184	"148
2317	2942	08347	05125	0155	083060	"187	"152
2318	2938	08348	05129	0190	089060	"173	"165
2319	2934	08348	05136	0238	090063	"173	"168
2320	2931	08348	05237	0274	092067	"176	"166
2321	2927	08348	05233	0327	093073	"175	"168
2322	2923	08348	05288	0373	092079	"173	"169
2323	2919	08348	05363	0420	096080	"175	"172
2324	2916	08348	05415	0476	094077	"177	"175
2325	2912	08348	05441	0522	087069	"180	"177
2326	2908	08348	05582	0588	083062	"187	"182
2327	2904	08347	05575	0676	080061	"198	"182
2328	2901	08347	05658	0740	080047	"03	"180
2329	2857	08346	05736	0787	086030	"200	"177
2330	2853	08345	05761	0813	077020	"196	"183
2331	2849	08345	05764	0832	060007	"209	"176
2332	2845	08345	05763	0834	208006	"203	"183
2333	2841	08345	05770	0825	<u>181921</u>	"163	"163
2334	2837	08345	05759	0784	252036	"198	"178
2335	2833	08346	05719	0700	243060	"194	"183
2336	2830	08347	05695	0691	284045	"208	"179
2337	2826	08347	05691	0628	263065	"194	"178
2338	2823	08347	05688	0559	264066	"188	"175

2337

2338

NNNN

75202502 244001009

NOARR3 1405 ELENA

2339	2819	08347	05447	0507	269065	"181	"174
2340	2815	08347	05394	0446	273070	"176	"171
2341	2814	08347	05398	0386	272073	"170	"166
2342	2808	08347	05341	0329	268075	"164	"162
2343	2804	08347	05321	0287	272071	"164	"159
2344	2801	08344	05243	0230	270063	"168	"158
2345	2803	08340	05254	0263	260068	"167	"159
2346	2807	08336	05262	0294	257075	"164	"159
2347	2810	08332	05262	0321	255074	"167	"162
2348	2814	08328	05284	0347	248073	"168	"163
2349	2818	08325	05289	0370	240073	"170	"164
2350	2821	08321	05292	0381	233074	"171	"165
2351	2825	08317	05293	0383	226072	"172	"167
2352	2829	08313	05295	0377	219072	"172	"167
2353	2833	08309	05300	0356	211070	"173	"167
2354	2837	08305	05298	0327	205068	"172	"167
2355	2840	08301	05295	0301	198072	"168	"164
2356	2844	08257	05281	0273	187072	"167	"163
2357	2848	08253	05239	0235	182071	"163	"158
2358	2850	08249	05251	0224	180070	"164	"156
2359	2848	08251	05239	0222	181067	"165	"153
0000	2848	08255	05243	0242	178071	"164	"157
0001	2848	08259	05240	0288	182076	"168	"164
0002	2849	08304	05287	0325	185072	"171	"168
0003	2849	08308	05294	0367	183068	"174	"169
0004	2849	08312	05293	0419	176067	"178	"171
0005	2849	08316	05414	0480	169068	"179	"172
0006	2849	08321	05454	0543	168071	"187	"174
0007	2849	08325	05517	0624	174073	"186	"179
0008	2849	08330	05593	0697	177058	"205	"191

NNNN

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0008

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NNNN

ZCZC WBC490

URXX KWBC 010046 DUP

75202502 244004009

NDAAA3 1405 ELENA

0009	2848	08334	05662	0756	177044	"203	"185
0010	2848	08339	05744	0799	177031	"202	"176
0011	2847	08343	05735	0836	155016	"208	"173
0012	2847	08347	05763	0849	107005	"203	"190
0013	2846	08352	05783	0855	011008	"209	"172
0014	2846	08357	05780	0838	352032	"200	"177
0015	2846	08401	05776	0785	357046	"205	"167
0016	2845	08406	05778	0719	003063	"198	"172
0017	2845	08410	05780	0647	006068	"197	"165
0018	2845	08414	05634	0580	005067	"190	"175
0019	2845	08419	05488	0510	007069	"188	"173
0020	2844	08424	05466	0439	008068	"185	"169
0021	2844	08428	05373	0388	010071	"177	"172
0022	2844	08433	05339	0330	005074	"169	"168
0023	2844	08438	05288	0293	004074	"167	"163
0024	2844	08442	05237	0263	003075	"164	"161
0025	2843	08447	05228	0227	006069	"164	"158
0026	2843	08451	05192	0203	005067	"162	"156
0027	2842	08455	05186	0175	002063	"159	"156
0028	2842	08500	05146	0158	004063	"168	"155
0029	2844	08459	05152	0167	005057	"163	"153
0030	2842	08455	05128	0169	006063	"165	"157
0031	2838	08452	05128	0189	358068	"163	"154
0032	2835	08448	05131	0206	356069	"163	"157
0033	2832	08444	05132	0224	351072	"165	"159
0034	2828	08440	05135	0248	348074	"167	"162
0035	2825	08436	05188	0255	342075	"166	"162
0036	2821	08432	05200	0275	336075	"167	"164
0037	2818	08428	05205	0283	328072	"167	"164
0038	2814	08423	05206	0290	323072	"168	"165

2339
0038

NNNN

NNNN

ZCZC WBC503

URXX KWBC 010112

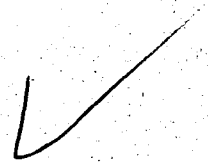
75202502 244011009

NORR3 1405 ELENA

0039	2810	08419	05272	0287	312076	"163	"161
0040	2807	08415	05270	0280	307078	"163	"160
0041	2803	08411	05287	0266	301072	"164	"160
0042	2800	08406	05101	0248	291068	"164	"161
0043	2757	08402	05192	0220	282061	"170	"161
0044	2754	08357	05192	0204	273059	"168	"161
0045	2752	08352	05200	0199	265059	"164	"153
0046	2750	08348	05198	0177	262055	"162	"153
0047	2747	08344	05145	0168	259056	"169	"153
0048	2744	08344	05114	0166	263057	"170	"152
0049	2746	08346	05094	0165	263055	"168	"152
0050	2750	08345	05101	0183	258057	"163	"151
0051	2754	08345	05115	0209	256063	"169	"148
0052	2758	08345	05168	0248	257064	"168	"160
0053	2802	08344	05223	0297	263074	"163	"160
0054	2806	08344	05341	0353	267075	"169	"164
0055	2810	08344	05348	0419	266078	"172	"168
0056	2814	08344	05454	0481	265072	"174	"171
0057	2818	08344	05483	0544	267063	"178	"177
0058	2822	08344	05501	0606	256067	"190	"181
0059	2826	08344	05595	0683	255060	"203	"176
0100	2829	08345	05658	0754	258048	"202	"182
0101	2833	08346	05722	0814	267043	"205	"172
0102	2837	08346	05861	0873	289025	"199	"192
0103	2841	08346	05863	0872	260003	"195	"178
0104	2845	08345	05864	0860	146009	"198	"180
0105	2849	08345	05820	0844	131019	"200	"176
0106	2853	08345	05829	0806	107032	"196	"191
0107	2858	08345	05722	0725	088055	"193	"188
0108	2902	08345	05637	0642	089063	"191	"182

NNNN

Plot 2



NNNN

ZCZC WBC514

URXX KWBC 010142

75202502 244014010

NOA03 1405 ELENA

0109	2906	08345	05526	0494	068093	"178	"169
0110	2909	08346	05497	0474	087068	"180	"172
0111	2913	08346	05430	0421	097070	"175	"170
0112	2917	08346	05369	0377	097072	"173	"171
0113	2921	08346	05292	0332	100072	"176	"168
0114	2925	08346	05288	0285	098069	"171	"167
0115	2929	08346	05252	0249	102066	"174	"166
0116	2933	08346	05273	0306	015L77	511	511
0117	2937	08346	05185	0182	068075	"170	"164
0118	2941	08346	05169	0152	100056	"184	"160
0119	2944	08345	05120	0150	102057	"180	"150
0120	2941	08343	05114	0154	101056	"182	"155
0121	2937	08344	05112	0173	095063	"171	"157
0122	2934	08344	05147	0200	099063	"177	"163
0123	2930	08344	05163	0228	099067	"171	"164
0124	2927	08344	05162	0260	099068	"172	"164
0125	2923	08344	05216	0294	098072	"172	"166
0126	2919	08345	05213	0330	101074	"172	"167
0127	2916	08345	05327	0376	095075	"171	"168
0128	2912	08345	05382	0428	100074	"174	"171
0129	2908	08345	05394	0478	091067	"182	"175
0130	2905	08346	05470	0545	088066	"185	"179
0131	2901	08346	05496	0620	091062	"192	"183
0132	2857	08346	055730696	087053		"195	"185
0133	2853	08346	05681	0766	086048	"204	"186
0134	2849	08346	05750	0852	075040	"212	"182
0135	2845	08344	05834	0877	142008	"203	"183
0136	2842	08343	05833	0855	187013	"202	"178
0137	2838	08342	05830	0859	228014	"205	"178
0138	2834	08343	05832	0827	249034	"205	"176

NNNN

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NNNN

ZCZC WBC519

URXX KWBC 010213

75202502 244021010

NOAA3 1405 ELENA

0139	2831	08343	05773	0781	247042	"200	"177
0140	2826	08343	05771	0733	248046	"201	"175
0141	2823	08343	05674	0686	253063	"196	"189
0142	2819	08343	05608	0607	257070	"190	"181
0143	2816	08343	05531	0536	266070	"181	"178
0144	2812	08343	05425	0469	266078	"176	"175
0145	2809	08343	05457	0399	266075	"171	"170
0146	2805	08343	05344	0349	269072	"171	"167
0147	2801	08343	05305	0294	269070	"172	"166
0148	2757	08343	05226	0243	263069	"164	"162
0149	2754	08344	05223	0197	252066	"167	"152
0150	2750	08344	05167	0172	260058	"162	"154
0151	2747	08344	05175	0145	257057	"169	"150
0152	2744	08345	05192	0152	259059	"160	"149
0153	2746	08346	05129	0155	259055	"166	"153
0154	2750	08342	05105	0162	256058	"165	"150
0155	2753	08338	05110	0189	254063	"167	"151
0156	2757	08335	05148	0213	244071	"170	"147
0157	2801	08332	05154	0248	244070	"166	"163
0158	2805	08328	05225	0281	244073	"168	"165
0159	2809	08325	05241	0313	239074	"170	"166
0200	2813	08321	05260	0340	233074	"172	"168
0201	2817	08318	05280	0362	224072	"174	"168
0202	2821	08314	05281	0360	215072	"172	"169
0203	2826	08311	05271	0351	206074	"168	"168
0204	2830	08307	05276	0332	199077	"169	"165
0205	2834	08304	05274	0302	193082	"163	"156
0206	2838	08300	05285	0263	183078	"164	"150
0207	2842	08257	05292	0233	181071	"167	"158
0208	2845	08253	05188	0216	181068	"167	"152

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0208

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ZCZC WBC521

URXX KWBC 010242

75202502 244024010

NOAAR3 1405 ELENA

0209	2844	08250	05110	0202	177062	"167	"151
0210	2843	08254	05100	0202	180063	"169	"157
0211	2843	08258	05197	0237	181067	"168	"154
0212	2843	08302	05207	0275	174075	"168	"148
0213	2843	08307	05212	0334	178076	"170	"163
0214	2843	08311	05331	0390	172073	"172	"168
0215	2842	08315	05341	0470	180076	"173	"173
0216	2842	08319	05459	0547	175069	"186	"179
0217	2842	08324	05560	0636	177069	"185	"178
0218	2842	08328	05607	0707	176062	"197	"185
0219	2842	08332	05723	0816	175068	"188	"185
0220	2841	08337	05877	0909	167028	"211	"194
0221	2841	08341	05914	0891	097008	"227	"169
0222	2840	08346	05862	0880	060007	"220	"156
0223	2840	08350	05871	0873	005018	"207	"175
0224	2840	08355	05866	0836	355036	"203	"175
0225	2840	08359	05788	0778	004049	"206	"169
0226	2841	08403	05790	0708	010052	"202	"168
0227	2841	08408	05635	0641	010059	"199	"182
0228	2842	08412	05552	0570	010070	"186	"180
0229	2842	08416	05534	0491	011069	"184	"175
0230	2842	08421	05512	0421	004064	"196	"164
0231	2843	08425	05375	0365	013064	"185	"164
0232	2843	08430	05304	0311	017061	"178	"163
0233	2844	08434	05306	0262	016064	"171	"161
0234	2844	08439	05271	0236	008065	"168	"164
0235	2845	08443	05170	0207	007064	"167	"164
0236	2845	08448	05156	0178	007065	"166	"161
0237	2846	08451	05204	0174	006063	"164	"158
0238	2846	08447	05198	0186	010060	"165	"161

NNNN

NNNN

ZCZC WBC523

URXX KWBC 010312

75202502 244031010

NORR3 1405 ELENA

0239	2842	08445	05180	0183	007066	"167	"162
0240	2838	08443	05180	0200	002070	"167	"163
0241	2833	08440	05185	0213	358066	"169	"165
0242	2829	08438	05181	0225	353065	"170	"166
0243	2825	08435	05181	0232	347065	"171	"166
0244	2820	08433	05182	0239	341066	"173	"166
0245	2816	08430	05208	0247	333065	"172	"166
0246	2814	08433	05204	0229	338064	"171	"165
0247	2816	08432	05180	0226	333061	"172	"166
0248	2818	08428	05179	0259	331063	"175	"168
0249	2820	08424	05183	0302	331065	"175	"170
0250	2822	08421	05328	0334	336067	"174	"169
0251	2824	08418	05361	0387	330061	"181	"174
0252	2826	08414	05371	0451	326061	"184	"175
0253	2827	08411	05491	0510	329062	"185	"176
0254	2829	08407	05576	0586	330055	"206	"182
0255	2831	08403	05585	0650	331054	"201	"187
0256	2833	08400	05644	0727	333054	"200	"185
0257	2834	08356	05698	0794	338043	"200	"183
0258	2836	08352	05778	0847	330035	"202	"175
0259	2838	08349	05829	0904	295022	"209	"175
0300	2841	08347	05880	0938	217011	"234	"155
0301	2845	08346	05860	0929	112020	"238	"150
0302	2847	08343	05869	0912	104026	"223	"165
0303	2845	08340	05859	0911	128017	"227	"168
0304	2842	08337	05859	0893	186030	"203	"187
0305	2840	08334	05881	0832	215043	"200	"192
0306	2838	08331	07308	0624	191065	"163	"163
0307	2837	08327	09055	0437	190072	"137	"131
0308	2835	08323	09923	0261	195078	"117	"117

NNNN

442NN 83E

NNNN

ZCZC WBC525

URXX KWBC 010343

752025C2 244034010

NOAA3 1405 ELENA

0309	2833	08319	11541	0101	195073	"087	"087
0310	2831	08315	12116	"0004	191067	"073	"068
0311	2829	08312	13686	"0164	193065	"046	"040
0312	2827	08308	14358	"0223	202069	"022	"022
0313	2825	08304	15573	"0372	200064	"011	"011
0314	2823	08301	16021	"0404	198058	"001	"001
0315	2820	08257	16858	"0500	195054	067	067
0316	2818	08253	17518	"0571	192053	086	086
0317	2816	08250	18153	"0792	195052	086	086
0318	2813	08246	18736	"0665	197050	085	085
0319	2811	08242	19019	"0668	203050	091	091
0320	2808	08238	19023	"0687	205048	098	098
0321	2805	08234	19028	"0668	207047	105	105
0322	2803	08230	19022	"0680	206044	108	108
0323	2800	08226	19039	"0690	206044	107	107
0324	2757	08222	19047	"0720	208045	101	101
0325	2754	08218	19048	"0727	207046	098	104
0326	2751	08214	19069	"0682	138165	153	153
0327	2749	08209	19046	"0688	207050	089	120
0328	2746	08205	19045	"0671	214049	086	116
0329	2743	08201	19048	"0712	205047	069	143
0330	2741	08157	19050	"0655	208049	063	149
0331	2738	08152	19042	"0679	205050	066	139
0332	2735	08148	19043	"0700	200047	066	130
0333	2732	08144	19045	"0733	202046	069	143
0334	2730	08140	19043	"0739	203047	067	144
0335	2727	08136	19042	"0769	196040	067	111
0336	2723	08133	19038	"0767	200035	065	125
0337	2720	08129	19037	"0742	213039	062	145
0338	2717	08126	19046	"0782	219039	059	150

NNNN

LAST
NOAA 3

NNNN

ZCZC WBC532

URXX KWBC 010412

75202502 244041010

NORR3 1405 ELENA

0339	2714	08122	19044	"0777	221037	059	152
0340	2710	08118	19043	"0727	21037	061	152
0341	2707	08115	19040	"0743	221036	066	151
0342	2703	08111	19042	"0845	221033	072	137
0343	2659	08107	18082	"0803	217031	056	097
0344	2656	08103	16970	"0777	216034	040	082
0345	2652	08100	15601	"0679	208033	014	066
0346	2649	08057	14098	"0615	213030	"013	030
0347	2645	08054	12982	"0586	215029	"031	017
0348	2641	08051	11930	"0704	215030	"051	"000
0349	2638	08048	11178	"0498	217030	"065	"014
0350	2635	08045	10594	"0484	220032	"072	"024
0351	2631	08042	10018	"0477	219033	"080	"036
0352	2627	08040	09401	"0438	215032	"091	"034
0353	2623	08038	08856	"0503	218030	"109	"038
0354	2619	08036	07851	"0352	221031	"130	"034
0355	2616	08034	06815	"0284	221033	"143	"042
0356	2620	08032	05656	"0262	215029	"173	"027
0357	2608	08030	04691	"0193	206030	"192	"027
0358	2605	08028	04111	"0166	211029	"200	"117
0359	2602	08026	03949	"0166	212029	"203	"122
0400	2559	08024	04036	"0166	207027	"195	"148
0401	2556	08023	03212	"0145	208021	"211	"175
0402	2553	08022	02468	"0116	192017	"224	"199
0403	2550	08021	02112	"0101	190019	"231	"206
0404	2548	08019	01755	"0081	193019	"243	"205
0405	2547	08017	01091	"0037	172015	"259	"220
0406	2547	08014	00254	0009	173011	"283	"227
0407	2547	08013	00055	0018	263014	"326	"234
0408	2547	08013	00009	"0026	118008	"333	"230

NNNN

NNNN

ZCZC WRC613

URXX KWBC 011141

75202502 244114009

NORR3 XXXX TEST 43

1128	2548	08017	00002	"4984	353005	"286	"228
1129	2548	08017	00003	"4984	354004	"286	"227
1130	2548	08017	00004	"4982	354005	"286	"228
1131	2548	08017	00003	"4983	354005	"286	"227
1132	2548	08017	00004	"4979	355005	"286	"228
1133	2548	08017	00005	"4950	354005	"286	"228
1134	2548	08017	00004	"4946	353005	"286	"227
1135	2548	08017	00003	"4947	068005	"286	"227
1136	2548	08017	00002	"4948	081008	"285	"227
1137	2548	08017	00006	"4941	088009	"287	"228
1138	2548	08017	00006	"4941	086008	"287	"228

NNNN

ON GROUND

KL

NNNN

Z0Z0 WBC623

URXX KWBC 011212

75202502 244121009

NORR3 1605 ELENA

1139	2548	08017	00005	"4942	086009	"287	"228
1140	2548	08017	00006	"4941	093009	"287	"229
1141	2548	08017	00009	"4941	091009	"288	"230
1142	2548	08017	00009	"4941	093013	"287	"230
1143	2548	08017	00008	"4942	090012	"288	"230
1144	2548	08017	00010	"4940	092013	"288	"230
1145	2548	08017	00006	"4944	090011	"287	"231
1146	2548	08017	00003	"4948	085009	"288	"231
1147	2548	08017	00005	"4945	087011	"288	"232
1148	2548	08017	00003	"4947	088010	"287	"232
1149	2548	08017	00003	"4947	090010	"287	"23
1150	2548	08017	00009	"4941	093014	"288	"230
1151	2548	08017	00005	"4945	093013	"287	"230
1152	2548	08017	00008	"4943	096014	"288	"229
1153	2548	08017	00006	"4944	095015	"288	"230
1154	2548	08017	00003	"4947	094012	"288	"231
1155	2548	08017	00006	"4944	094015	"288	"230
1156	2548	08017	00004	"4940	095017	"288	"230
1157	2548	08017	00000	"4944	081021	"287	"231
1158	2548	08017	00005	"4938	079006	"291	"231
1159	2548	08017	00003	"4940	078014	"290	"232
1200	2548	08017	00001	"4943	081026	"288	"230
1201	2548	08017	00002	"4944	081004	"293	"231
1202	2548	08017	00005	"4939	081003	"294	"231
1203	2548	08017	00003	"4947	082005	"298	"231
1204	2548	08017	00001	"4949	081006	"299	"232
1205	2548	08017	00000	"4950	097066	"288	"230
1206	2548	08017	00399	"0208	089162	"275	"223
1207	2548	08017	01209	"0021	088189	"253	"216
1208	2548	08017	02129	"0099	088187	"236	"187

ON RUNWAY

KL

NNNN

464NN 83E

NNNN

NNNN

ZCZC WBC636

URXX KWBC 011242

75202502 244124009

NORR3 1605 ELENA

18818

KC

1209	2548	08017	02936	"0309	088188	"221	"165
1210	2554	08013	03823	"0200	174025	"201	"150
1211	2554	08016	04524	"0226	183023	"195	"110
1212	2555	08020	05010	"0271	181026	"185	"095
1213	2556	08025	05005	"0271	180027	"188	"094
1214	2557	08029	05003	"0231	183026	"191	"068
1215	2600	08033	04996	"0232	186028	"192	"080
1216	2603	08036	04993	"0227	186030	"192	"059
1217	2606	08040	05000	"0223	191032	"187	"063
1218	2608	08044	05160	"0238	192032	"181	"057
1219	2611	08048	05968	"0476	189033	"170	"046
1220	2614	08052	06714	"0295	193034	"152	"041
1221	2616	08055	07526	"0349	196035	"141	"036
1222	2619	08059	08248	"0379	199037	"121	"029
1223	2622	08102	08903	"0777	203038	"108	"020
1224	2624	08106	09539	"0416	202039	"097	"011
1225	2627	08109	09997	"0432	204040	"082	"002
1226	2630	08113	10015	"0422	199043	"081	006
1227	2633	08117	10008	"0427	196044	"082	015
1228	2636	08121	10010	"0408	199041	"072	"052
1229	2639	08125	09999	"0398	195041	"073	"053
1230	2642	08129	10001	"0408	197040	"074	"047
1231	2645	08133	10012	"0395	201035	"072	"040
1232	2648	08136	09977	"0406	218034	"073	"012
1233	2652	08140	10001	"0363	201037	"075	"042
1234	2655	08144	09997	"0355	211042	"077	"058
1235	2657	08148	09997	"0353	208042	"085	"006
1236	2659	08152	09995	"0363	205045	"086	026
1237	2701	08156	09990	"0350	203042	"090	011
1238	2704	08200	09999	"0368	203044	"087	026

NNNN

NNNN

ZCZC WBC654

URXX KWBC 011312

75202502 244131009

NORR3 1605 ELENA

08213

1239	2706	08204	09995	"0331	200044	"090	031
1240	2709	08208	09994	"0329	202042	"097	034
1241	2712	0821	09992	"0309	197046	"085	021
1242	2715	08216	09995	"0320	202049	"088	032
1243	2718	08219	09997	"0286	197048	"074	"020
1244	2722	08222	09762	"0255	196051	"077	"021
1245	2726	08225	08718	"0242	193047	"105	"050
1246	2730	08227	07586	"0187	198055	"123	"104
1247	2733	08231	06578	"0092	196052	"140	"109
1248	2736	08235	05610	"0105	196055	"154	"130
1249	2739	08239	05226	"0072	199058	"168	"131
1250	2741	08243	05216	"0060	197057	"166	"132
1251	2744	08246	05078	"0046	193056	"169	"138
1252	2747	08250	05035	"0026	195058	"169	"146
1253	2750	08254	05045	"0002	192055	"166	"158
1254	2752	08258	05031	0006	199059	"167	"155
1255	2755	08302	05034	0022	200055	"170	"158
1256	2758	08306	05035	0046	201054	"167	"164
1257	2801	08310	05040	0066	207055	"169	"164
1258	2803	08314	05036	0088	209056	"172	"162
1259	2806	08317	05029	0110	209059	"171	"154
1300	2809	08321	05025	0133	206062	"170	"155
1301	2811	08325	05032	0164	206063	"174	"167
1302	2813	08328	05029	0198	205064	"173	"170
1303	2815	08332	05029	0234	201069	"175	"167
1304	2817	08336	05034	0276	204073	"172	"167
1305	2819	08340	05031	0329	206079	"172	"166
1306	2821	08343	05024	0404	206086	"179	"170
1307	2824	08347	05032	0497	205090	"178	"175
108	2826	08351	05026	0603	212088	"187	"187

KC

NNNN

1308

NNNN

ZCZC WBC659

URXX KWBC 011342

75202502 244134009

NORR3 1605 ELENA

1309	2828	08355	05026	0731	216092	"191	"191
1310	2830	08359	05021	0905	212096	"194	"190
1311	2832	08402	05004	1140	204071	"210	"202
1312	2833	08406	05018	1212	226023	"216	"200
1313	2836	08410	05028	1218	244014	"214	"188
1314	2839	08412	05024	1229	229009	"221	"183
1315	2843	08414	05046	1261	108009	"218	"194
1316	2847	08413	05022	1226	102026	"213	"194
1317	2851	08413	05014	1152	094056	"212	"204
1318	2854	08412	05012	0953	092096	"191	"191
1319	2858	08412	05026	0794	105087	"203	"190
1320	2901	08411	05016	0653	095087	"192	"188
1321	2905	08410	05018	0545	103086	"187	"184
1322	2909	08410	05024	0463	110087	"183	"176
1323	2912	08409	05029	0382	100084	"176	"174
1324	2916	08409	05008	0326	098080	"176	"173
1325	2920	08408	05021	0283	103072	"175	"170
1326	2924	08407	05017	0239	104075	"174	"169
1327	2927	08407	05006	0218	098080	"168	"166
1328	2931	08407	05025	0175	103074	"172	"165
1329	2935	08406	05011	0141	103070	"170	"161
1330	2939	08405	05013	0111	101061	"173	"162
1331	2943	08405	05014	0086	100062	"170	"162
1332	2947	08405	04996	0050	106058	"175	"153
1333	2947	08410	05006	0060	102063	"173	"154
1334	2944	08415	05010	0074	098063	"173	"152
1335	2942	08419	05012	0090	093065	"176	"152
1336	2939	08424	05006	0106	088066	"178	"153
1337	2936	08428	05013	0121	085066	"178	"154
1338	2933	08432	05007	0136	078066	"181	"158

BY HAND

KC

NNNN

463NN 83E

NNNN

2904

ZCZC WBC665

URXX KWBC 011413

75202502 244141009

NOAA3 1605 ELENA

1339	2930	08437	05006	0141	074065	"185	"163
1340	2927	08442	05007	0151	071067	"181	"165
1341	2924	08446	05009	0157	064066	"179	"167
1342	2921	08451	05001	0159	065066	"178	"170
1343	2918	08456	05007	0162	055065	"181	"163
1344	2915	08500	04996	0157	049065	"173	"163
1345	2912	08505	05010	0154	047067	"172	"163
1346	2910	08510	05011	0141	046064	"171	"161
1347	2907	08515	05008	0126	042060	"171	"159
1348	904	08519	05000	0112	040059	"167	"160
1349	2901	08524	05013	0094	029056	"166	"162
1350	2859	08528	05008	0087	026058	"166	"162
1351	2856	08533	05007	0065	026051	"168	"163
1352	2853	08537	05001	0053	026049	"168	"161
1353	2851	08541	05001	0040	024047	"167	"153
1354	2848	08545	04994	0029	021047	"166	"159
1355	2845	08550	04999	0017	017044	"166	"161
1356	2843	08554	04997	0007	010038	"166	"159
1357	2840	08558	04995	"0002	005040	"166	"148
1358	2838	08602	04998	"0014	004037	"164	"143
1359	2836	08606	05022	"0004	003040	"167	"141
1400	2839	08605	05018	"0008	006033	"167	"143
1401	2839	08601	04998	"0018	360037	"165	"144
1402	2838	08556	04990	"0004	358040	"166	"144
1403	2837	08552	04994	0009	359039	"165	"158
1404	2837	08547	05001	0024	003042	"166	"164
1405	2837	08543	04992	0039	007045	"166	"163
1406	2836	08539	04988	0053	009044	"169	"164
1407	2836	08534	04989	0070	005045	"170	"163
1408	2836	08530	04994	0082	004047	"173	"157

KC

NNNN

NNNN

ZCZC WBC670

URXX KWBC 011442

75202502 244144009

NOA93 1605 ELENA

1409	2836	08526	04996	0098	006054	"169	"166
1410	2836	08522	05000	0117	006055	"170	"167
1411	2836	08517	04987	0140	005055	"172	"167
1412	2836	08513	04990	0168	004059	"173	"169
1413	2836	08509	04984	0200	002058	"173	"169
1414	2836	08505	04989	0231	356061	"174	"171
1415	2836	08500	04994	0278	354063	"174	"171
1416	2836	08456	04982	0336	003067	"183	"175
1417	2836	08452	04983	0400	000072	"188	"170
1418	2836	08448	04988	0474	359078	"185	"175
1419	2836	08443	04944	0514	015096	"173	"173
1420	2836	08439	04981	0669	351079	"196	"184
1421	2837	08435	04978	0821	341086	"198	"186
1422	2838	08431	04981	1035	340072	"214	"200
1423	2839	08426	04976	1154	344036	"230	"185
1424	2840	08422	04987	1202	319017	"210	"194
1425	2842	08419	04992	1244	278011	"215	"195
1426	2846	08417	04985	1259	159012	"219	"189
1427	2848	08421	04978	1251	089031	"220	"188
1428	2847	08426	04973	1216	061051	"219	"194
1429	2846	08430	05005	1198	029065	"218	"196
1430	2849	08431	04978	1083	033075	"215	"204
1431	2852	08431	04978	0978	055104	"195	"195
1432	2855	08431	04984	0862	059096	"190	"190
1433	2857	08431	04973	0761	060099	"189	"187
1434	2900	08431	04985	0663	063094	"191	"183
1435	2903	08431	04982	0579	066088	"192	"181
1436	2907	08431	04983	0509	072091	"184	"181
1437	2910	08431	05006	0453	073091	"179	"17
1438	2913	08432	04942	0386	079081	"173	"169

NNNN

KL

NNNN

ZCZC WBC679

URXX KWBC 011512

75202502 244151009

NDARR3 1605 ELENA

1439	2912	08437	04981	0349	068091	"173	"169
1440	2908	08438	04986	0422	060091	"176	"173
1441	2904	08436	04970	054	066093	"183	"180
1442	2901	08434	04971	0587	057090	"194	"182
1443	2858	08432	04984	0709	055099	"192	"183
1444	2855	08429	04974	0898	057102	"191	"190
1445	2852	08427	04961	1087	057068	"209	"202
1446	2849	08425	04974	1194	053042	"214	"198
1447	2845	08423	05000	1261	096018	"219	"191
1448	2842	08424	04971	1284	077003	"226	"189
1449	2838	08423	04966	1263	300015	"217	"193
1450	2838	08418	04981	1259	221027	"230	"187
1451	2838	08413	04971	1179	207050	"212	"196
1452	2838	08408	04981	1021	204088	"200	"189
1453	2838	08403	04972	0820	193091	"194	"190
1454	2838	08359	04972	0682	188086	"192	"185
1455	2838	08355	04974	0570	190079	"192	"185
1456	2837	08350	04989	0469	193087	"180	"179
1457	2837	08346	04964	0382	188080	"186	"175
1458	2837	08342	04975	0315	187076	"177	"174
1459	2837	08337	04975	0259	185076	"174	"166
1500	2836	08333	04980	0208	186073	"172	"161
1501	2836	08329	04971	0168	183070	"174	"164
1502	2836	08325	04965	0134	186068	"175	"158
1503	2836	08320	04968	0105	185064	"173	"154
1504	2836	08316	04975	0081	185060	"11	"162
1505	2837	08312	04977	0060	187059	"172	"162
1506	2837	08307	04976	0035	187058	"172	"158
1507	2837	08303	04975	0006	178055	"168	"160
1508	2837	08258	04977	"0011	181058	"168	"152

8

NNNN

467NN 83E

NNNN

NNNN

ZEZC WBC683

URXX KMBC 011543

75202502 244154009

NORR3 1605 ELENA

1509	2836	08255	04993	"0007	183056	"168	"155
1510	2836	08258	04987	"0005	179054	"169	"156
1511	2840	08301	04977	"0012	178062	"166	"158
1512	2844	08304	04981	"0001	173057	"168	"155
1513	2848	08307	04971	0011	172059	"174	"152
1514	2852	08310	04976	0027	168058	"176	"162
1515	2855	08313	04972	0038	164063	"174	"165
1516	2859	08317	04976	0048	166060	"172	"166
1517	2902	08321	04964	0060	160062	"174	"168
1518	2906	08324	04969	0067	154065	"172	"168
1519	2910	08328	04978	0073	148061	"172	"169
1520	2913	08332	04970	0087	143065	"176	"169
1521	2917	08337	04971	0090	138067	"174	"166
1522	2920	08341	04982	0099	133068	"171	"167
1523	2924	08345	04969	0098	129067	"172	"166
1524	2928	08348	04970	0096	120067	"175	"166
1525	2932	08352	04975	0088	114074	"168	"164
1526	2936	08356	04965	0077	103072	"161	"160
1527	2939	08359	04966	0064	109077	"167	"159
1528	2943	08403	04970	0049	107071	"167	"163
1529	2947	08407	04960	0018	106070	"168	"161
1530	2947	08413	04964	0035	097074	"173	"151
1531	2947	08418	04969	0039	097075	"168	"156
1532	2945	08422	04951	0047	090075	"172	"159
1533	2941	08422	04973	0083	088071	"172	"159
1534	2937	08422	04978	0117	090078	"172	"164
1535	2934	08423	04962	0154	089079	"171	"164
1536	2930	08423	04969	0193	094081	"175	"163
1537	2926	08423	04971	0236	092086	"172	"168
1538	2923	08423	04956	0272	095085	"177	"172

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ZCZC WBC687

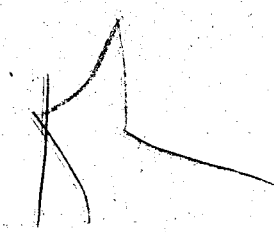
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75202502 244161009

NOAA3 1605 ELENA

1539	2919	08423	04970	0318	095093	"180	"177
1540	2916	08423	04972	0371	098090	"187	"178
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1542	2909	08424	04962	0507	091097	"180	"172
1543	2905	08424	04970	0628	094098	"194	"185
1544	2901	08424	04958	0793	095110	"188	"188
1545	2858	08424	04955	1012	105105	"195	"195
1546	2855	08425	04960	1172	105072	"214	"206
1547	2851	08426	04967	1271	105038	"218	"203
1548	2847	08428	04984	1312	139017	"219	"194
1549	2845	08431	04961	1317	084004	"220	"200
1550	2841	08432	04964	1309	342015	"219	"202
1551	2837	08432	04956	1258	299039	"222	"200
1552	2832	08432	04962	1052	285085	"203	"199
1553	2829	08432	04968	0813	280080	"197	"186
1554	2825	08432	04967	0647	275071	"201	"184
1555	2821	08432	04965	0536	276064	"195	"188
1556	2817	08432	04967	0449	282068	"185	"184
1557	2813	08432	04956	0362	271070	"180	"177
1558	2809	08432	04961	0303	267065	"184	"165
1559	2805	08432	04964	0250	266060	"181	"166
1600	2802	08432	04964	0214	270056	"177	"167
1601	2758	08432	04967	0175	272053	"177	"172
1602	2754	08432	04967	0141	268049	"177	"168
1603	2750	08432	04968	0112	264047	"178	"165
1604	2746	08432	04960	0090	270045	"174	"164
1605	2742	08432	04951	0074	252049	"169	"165
1606	2739	08432	04957	0052	253051	"161	"160
1607	2735	08432	04962	0031	254050	"167	"154
1608	2732	08431	04965	0010	255050	"171	"141

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ZCZC WBC691

URXX KWBC 011643

75202502 244164009

NOARR3 1605 ELENA

1609	2728	08431	04962	"0003	253048	"167	"147
1610	2724	08431	04962	"0019	253042	"169	"146
1611	2720	08431	04962	"0033	254040	"169	"141
1612	2717	08432	04963	"0047	253040	"170	"138
1613	2713	08432	04960	"0057	255042	"173	"143
1614	2709	08431	04959	"0062	256042	"171	"139
1615	2705	08431	04958	"0070	258043	"167	"141
1616	2702	08431	04958	"0079	256043	"164	"142
1617	2658	08432	04985	"0070	256045	"160	"135
1618	2700	08434	04979	"0064	252041	"164	"130
1619	2704	08431	04961	"0077	255047	"169	"128
1620	2707	08427	04963	"0071	255046	"166	"139
1621	2710	08424	04962	"0063	250046	"170	"140
1622	2714	08420	04961	"0054	249048	"169	"145
1623	2717	08417	04962	"0046	246047	"168	"142
1624	2720	08413	04964	"0037	244046	"169	"143
1625	2724	08410	04956	"0029	242048	"170	"140
1626	2727	08407	04961	"0020	239048	"170	"139
1627	2731	08403	04957	"0011	239049	"167	"142
1628	2735	08400	04962	"0001	237050	"170	"140
1629	2738	08356	04962	0006	238052	"172	"138
1630	2742	08353	04960	0004	233054	"170	"141
1631	2745	08350	04961	0014	229055	"172	"137
1632	2749	08346	04964	0016	229058	"171	"134
1633	2753	08343	04957	0024	225058	"165	"148
1634	2757	08339	04951	0023	219057	"166	"146
1635	2801	08336	04961	0022	215055	"168	"149
1636	2805	08333	04957	0023	209057	"165	"149
1637	2809	08329	04986	0043	041B95	"086	"086
1638	2812	08325	04963	0017	198045	"168	"166

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204055

NNNN

ZCZC WBC694

URXX KNBC 011712

75202502 244171009

NOAA3 1605 ELENA

1639	2816	08322	04961	0009	199054	"169	"155
1640	2819	08318	04960	"0001	197054	"170	"142
1641	2823	08314	05004	0035	047F19	483	483
1642	2826	08311	04955	"0022	152033	"166	"148
1643	2830	08307	04964	"0034	192049	"162	"153
1644	2833	08304	04935	"0044	170058	"163	"162
1645	2837	08301	04960	"0067	169056	"160	"148
1646	2841	08257	04957	"0075	171057	"156	"141
1647	2843	08254	04979	"0053	171058	"164	"154
1648	2841	08254	04974	"0057	178052	"160	"159
1649	2841	08258	04960	"0074	168056	"156	"143
1650	2841	08303	04955	"0061	162058	"160	"146
1651	2841	08308	04968	"0040	163056	"165	"150
1652	2841	08312	04960	"0023	173055	"164	"158
1653	2841	08317	04957	"0000	175057	"171	"155
1654	2841	08321	04958	0026	174056	"172	"149
1655	2841	08325	04960	0044	174064	"170	"161
1656	2842	08330	04961	0059	173063	"167	"166
1657	2842	08335	04953	0086	172065	"168	"161
1658	2842	08339	04956	0112	178063	"173	"172
1659	2842	08344	04952	0143	177064	"175	"172
1700	2842	08348	04945	0183	179065	"178	"172
1701	2842	08352	04961	0222	180074	"188	"163
1702	2843	08356	04952	0266	180075	"184	"156
1703	2843	08401	04954	0317	179080	"185	"160
1704	2843	08405	04956	0385	180087	"187	"158
1705	2843	08409	04962	0469	178091	"186	"165
1706	2844	08413	04955	0562	181085	"192	"186
1707	2843	08417	04953	0677	183089	"196	"190
1708	2843	08421	04959	0805	186096	"198	"193

19747

183 183

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ZCZC WBC699

URXX KWBC 011743 DUP

75202502 244174009

NORR3 1605 ELENA

1709	2843	08425	04958	0969	190100	"200	"191
1710	2843	08429	04952	1170	203094	"209	"204
1711	2844	08433	04959	1317	211055	"219	"204
1712	2846	08436	04960	1354	213012	"232	"187
1713	2848	08441	04950	1345	148005	"214	"197
1714	2848	08445	04961	1335	351003	"227	"191
1715	2847	08450	04956	1309	353036	"231	"192
1716	2847	08454	04954	1105	004090	"201	"199
1717	2846	08459	04963	0875	005095	"190	"187
1718	2846	08503	04956	0708	007088	"193	"188
1719	2847	08507	04962	0593	014086	"188	"185
1720	2847	08512	04946	0491	013085	"183	"178
1721	2847	08517	04951	0402	015080	"177	"171
1722	2847	08521	04953	0324	017070	"185	"167
1723	2847	08526	04962	0266	016068	"181	"166
1724	2847	08531	04960	0221	015066	"173	"171
1725	2847	08535	04960	0182	016063	"174	"169
1726	2847	08540	04955	0150	016059	"173	"168
1727	2847	08545	04960	0126	017059	"176	"162
1728	2847	08549	04957	0098	019056	"171	"163
1729	2847	08554	04956	0076	023053	"172	"157
1730	2847	08559	04958	0056	020048	"166	"158
1731	2848	08604	04955	0041	022044	"169	"157
1732	2848	08608	04952	0029	022044	"172	"156
1733	2848	08613	04954	0010	019041	"165	"155
1734	2848	08617	04955	"0000	022045	"163	"154
1735	2848	08622	04955	"0012	025046	"163	"150
1736	2848	08627	04958	"0028	022042	"163	"146
1737	2848	08631	04962	"0037	017045	"165	"158
1738	2848	08636	04979	"0036	016048	"166	"162

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ZCZC WBC703

URXX KMBC 011812

752025C2 244181010

NDRAA3 1605 ELENA

1739	2851	08636	04976	"0029	026041	"162	"152
1740	2848	08632	04955	"0043	017044	"162	"151
1741	2845	08629	04960	"0032	015043	"163	"149
1742	2842	08625	04956	"0023	013044	"163	145
1743	2839	08622	04959	"0013	009045	"162	"151
1744	2836	08618	04955	"0006	006046	"165	"155
1745	2833	08615	04955	0002	000046	"166	"156
1746	2830	08611	04955	0010	001043	"168	"153
1747	2827	08607	04952	0020	002044	"168	"154
1748	2823	08604	04953	0029	358045	"167	"153
1749	2820	08600	04954	0035	350043	"170	"153
1750	2817	08556	04953	0043	344042	"172	"154
1751	2814	08553	04953	0048	340043	"173	"154
1752	2811	08549	04953	0054	339045	"171	"153
1753	2808	08545	04953	0059	337044	"174	"151
1754	2805	08541	4954	0062	335044	"176	"151
1755	2802	08538	04955	0062	329043	"170	"158
1756	2758	08534	04950	0064	324042	"169	"157
1757	2755	08530	04955	0063	320043	"170	"157
1758	2752	08526	04953	0063	310041	"173	"154
1759	2749	08523	04959	0057	306041	"170	"154
1800	2745	08519	04957	0049	303039	"168	"162
1801	2742	08516	04953	0036	293037	"166	"164
1802	2738	08512	04924	0035	278044	"166	"166
1803	2735	08508	04955	0023	275045	"168	"158
1804	2732	08505	04956	0012	267043	"166	"160
1805	2729	08502	04953	"0000	264045	"166	"147
1806	2725	08458	04955	"0011	260043	"165	"147
1807	2722	08455	04953	"0022	256045	"170	"143
1808	2719	08451	04953	"0030	253046	"172	"142

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1812 2700 07443 04955 +0040 25047

H70 H32

ZCZC WBC704

URXX KWBC 011843

75202502 244184010

NOARR3 1605 ELENA

1809	2716	08448	04951	"0042	250046	"178	"138
1810	2713	08445	04953	"0047	251046	"180	"142
1811	2710	08442	04960	"0058	253047	"170	"141
08302	27300	083216	11520	0040			
1813	2711	08444	04950	"0059	249048	"170	"134
1814	2715	08444	04955	"0047	244046	"181	"139
1815	2720	08444	04954	"0038	242049	"178	"139
1816	2724	08444	04958	"0022	244051	"168	"147
1817	2728	08443	04948	"0005	244052	"170	"142
1818	2733	08443	04954	0013	243052	"166	"148
1819	2737	08443	04957	0031	244052	"164	"159
1820	2741	08443	04952	0054	245053	"161	"161
1821	2746	08443	04937	0069	254043	"167	"166
1822	2750	08443	04952	0089	259044	"173	"162
1823	2754	08443	04952	0110	258046	"176	"158
1824	2758	08443	04957	0133	257048	"174	"159
1825	2802	08443	04954	0162	258050	"175	"164
1826	2806	08443	04959	0197	259054	"174	"165
1827	2810	08443	04954	0240	257056	"176	"166
1828	2814	08443	04955	0285	249060	"186	"160
1829	2818	08443	04957	0341	249065	"187	"157
1830	2822	08444	04952	0414	249072	"179	"172
1831	2826	08445	04949	0502	261072	"185	"180
1832	2830	08445	04951	0596	253067	"191	"185
1833	2834	08446	04953	0727	244074	"199	"188
1834	2838	08447	04948	0910	237084	"200	"189
1835	2842	08448	04966	1146	231090	"219	"190
1836	2845	08451	04924	1382	230055	"220	"197
1837	2848	08454	04951	1399	261006	"219	"200
1838	2852	08456	04954	1410	247003	"221	"195

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ZCZC WBC710

URXX KWBC 011912

75202502 244191010

NORR3 1605 ELENA

1839	2856	08455	04959	1424	116010	"222	"198
1840	2900	08456	04951	1382	097053	"219	"204
1841	2904	08456	04967	1209	099099	"206	"204
1842	2907	08456	04961	0957	087121	"186	"186
1843	2911	08456	04959	0773	087112	"187	"186
1844	2914	08456	04950	0647	089104	"187	"186
1845	2917	08455	04957	0548	091100	"184	"182
1846	2920	08454	04955	0469	093098	"180	"180
1847	2923	08453	04954	0402	093095	"174	"174
1848	2923	08451	04969	0409	097093	"177	"176
1849	2920	08455	04941	0455	091098	"179	"177
1850	2917	08501	04946	0523	084100	"182	"181
1851	2914	08506	04948	0587	074105	"183	"182
1852	2911	08512	04958	0609	063107	"186	"182
1853	2908	08517	04952	0592	051106	"183	"182
1854	2905	08523	04946	0528	041099	"183	"181
1855	2903	08528	04952	0458	033093	"176	"174
1856	2900	08534	04951	0389	029089	"173	"171
1857	2858	08538	04948	0317	025079	"176	"169
1858	2855	08543	04960	0265	024071	"182	"166
1859	2853	08548	04954	0226	024070	"181	"167
1900	2851	08553	04955	0187	023067	"176	"166
1901	2848	08558	04953	0145	015061	"170	"165
1902	2846	08602	04955	0116	009056	"164	"164
1903	2846	08607	04954	0097	016057	"167	"164
1904	2847	08611	04959	0082	019054	"168	"162
1905	2847	08616	04957	0061	018055	"168	"160
1906	2848	08620	04955	0044	020050	"168	"156
1907	2848	08625	04956	0029	019049	"168	"158
1908	2849	08629	04957	0010	019050	"164	"159

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455NW 83E

NNNN

ZCZC WBC714

URXX KWBC 011943

75202502 244194010

NRA3 1605 ELENA

1909	2849	08634	04958	"0002	018048	"165	"156
1910	2849	08639	04955	"0012	016044	"165	"155
1911	2849	08643	04957	"0024	016048	"164	"156
1912	2850	08647	04975	"0017	019050	"163	"146
1913	2852	08645	04955	"0026	023050	"166	"147
1914	2852	08641	04951	"0020	017050	"166	"153
1915	2852	08637	04953	"0009	016047	"166	"147
1916	2852	08633	04958	0002	019050	"164	"154
1917	2852	08629	04955	0020	019051	"164	"155
1918	2852	08625	04951	0033	019052	"168	"156
1919	2852	08621	04953	0049	020056	"164	"159
1920	2851	08617	04957	0065	016061	"165	"15
1921	2851	08612	04959	0085	014059	"165	"159
1922	2851	08608	04956	0103	020061	"169	"160
1923	2851	08604	04952	0127	018067	"175	"166
1924	2851	08601	04959	0156	019063	"174	"168
1925	2851	08557	04958	0186	017067	"178	"168
1926	2851	08552	04952	0226	016071	"175	"165
1927	2851	08548	04945	0269	012074	"177	"168
1928	2851	08544	04960	0330	011086	"170	"167
1929	2851	08540	04959	0384	011088	"173	"168
1930	2851	08537	04960	0449	009094	"176	"171
1931	2851	08533	04959	0532	009095	"183	"179
1932	2851	08529	04969	0628	006096	"183	"181
1933	2851	08524	04964	0768	002101	"189	"185
1934	2850	08520	04961	0973	357105	"193	"189
1935	2851	08516	04951	1259	346077	"224	"202
1936	2851	08511	04960	1395	350022	"233	"191
1937	2853	08507	04939	1417	293014	"230	"194
1938	2856	08505	04943	1466	226007	"234	"191

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ZCZC WBC724

URXX KWBC 012013

75202502 244201010

NOARR3 1605 ELENA

1940	2901	08501	04933	1396	117061	"216	"208
1941	2901	08457	04950	1312	134094	"209	"201
1942	2901	08454	04954	1150	142108	"204	"196
1943	2901	08451	04953	0989	145107	"197	"194
1944	2901	08448	04958	0837	148105	"194	"190
1945	2901	08445	04950	0707	151100	"198	"179
1946	2900	08441	04956	0597	153089	"190	"180
1947	2900	08438	04959	0505	158081	"186	"177
1948	2900	08434	04955	0431	160077	"182	"176
1949	2900	08430	04956	0363	160075	"179	"174
1950	2900	08426	04952	0300	163073	"176	"172
1951	2900	08422	04954	0256	164071	"175	"173
1952	2900	08418	04952	0217	165066	"173	"168
1953	2900	08414	04952	0187	166067	"179	"157
1954	2859	08411	04960	0156	162064	"174	"161
1955	2859	08407	04959	0130	166061	"179	"155
1956	2859	08403	04964	0104	166056	"175	"165
1957	2859	08359	04967	0089	166065	"168	"162
1958	2857	08359	04981	0099	168063	"170	"159
1959	2900	08402	04960	0103	167057	"172	"168
2000	2905	08402	04957	0085	162060	"171	"168
2001	2909	08402	04955	0080	160067	"172	"160
2002	2914	08401	04960	0068	157067	"169	"162
2003	2919	08401	04956	0053	153067	"170	"162
2004	2924	08401	04956	0033	148066	"169	"145
2005	2929	08401	04972	0034	143065	"167	"166
2006	2934	08401	04965	0040	144075	"170	"162
2007	2939	08400	04982	0049	129075	"160	"160
2008	2938	08359	04978	0037	144072	"163	"161

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ZCZC WBC728

URXX KWBC 012042

75202502 244204010

NDAA3 1605 ELENA

2009	2936	08402	04942	0034	141072	"166	"163
2010	2934	08406	04954	0054	140055	"167	"167
2011	2932	08410	04939	0068	138071	"173	"164
2012	2930	08414	04961	0071	136064	"168	"164
2013	2927	08419	04951	0095	134064	"174	"170
2014	2925	08423	04959	0122	134067	"178	"160
2015	2923	08427	04955	0159	136072	"175	"163
2016	2921	08431	04954	0202	134074	"175	"163
2017	2919	08436	04957	0250	136076	"176	"169
2018	2917	08440	04953	0308	133082	"180	"162
2019	2915	08444	04957	0375	132087	"176	"171
2020	2913	08448	04959	0467	135093	"180	"177
2021	2911	08452	04956	0569	134094	"184	"181
2022	2909	08455	04969	0705	128102	"188	"185
2023	2906	08458	04949	0888	131111	"193	"189
2024	2903	08501	04955	1116	139118	"199	"195
2025	2901	08504	04946	1332	146090	"210	"202
2026	2859	08507	04960	1459	150046	"219	"206
2027	2857	08511	04957	1475	150010	"222	"199
2028	2854	08514	04950	1428	246009	"229	"195
2029	2851	08513	04944	1359	283023	"221	"199
2030	2849	08508	04958	1284	233070	"220	"205
2031	2848	08504	04950	1060	206087	"206	"186
2032	2846	08500	04957	0839	205087	"199	"186
2033	2844	08456	04964	0665	204077	"199	"174
2034	2843	08452	04959	0547	206068	"188	"176
2035	2841	08448	04959	0455	207069	"178	"176
2036	2840	08444	04954	0372	203067	"176	"172
2037	2839	08440	04969	0313	198063	"186	"168
2038	2838	08435	04963	0260	196060	"174	"168

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ZCZC WBC739

URXX KWBC 012113

75202502 244211010

NORR3 1605 ELENA

2039	2837	08431	04951	0218	193060	"173	"170
2040	2835	08427	04958	0180	191059	"178	"155
2041	2834	08423	04959	0150	189055	"183	"148
2042	2833	08420	04957	0124	188052	"180	"149
2043	2832	08416	04956	0101	187049	"176	"151
2044	2831	08412	04961	0085	186050	"175	"155
2045	2830	08408	04964	0061	190057	"168	"162
2047	2829	08400	02935	"0189	189034	"113	"077
2048	2828	08355	04957	"0000	193052	"170	"149
2049	2827	08351	04962	"0022	189051	"165	"151
2050	2826	08347	04963	"0037	190051	"168	"145
2051	2825	08342	04960	"0054	189048	"167	"149
2052	2824	08338	04966	"0065	189047	"164	"156
2053	2823	08334	04936	"0075	180053	"168	"153
2054	2822	08330	04962	"0096	181051	"164	"151
2055	2821	08326	04964	"0114	182046	"168	"144
2056	2820	08322	04963	"0124	184049	"164	"133
2057	2818	08317	04960	"0134	185048	"168	"122
2058	2818	08313	04971	"0140	214045	"175	"123
2059	2816	08309	04841	"0154	182047	"172	"113
2100	2815	08305	04104	"0131	180047	"186	"153
2101	2814	08301	03441	"0117	174046	"200	"144
2102	2813	08257	02755	"0149	170046	"217	"166
2103	2811	08253	02135	"0031	163043	"225	"187
2104	2808	08251	01437	0006	171040	"232	"180
2105	2805	08251	01009	0023	162034	"234	"198
2106	2802	08252	01005	0022	156036	"238	"200
2107	2759	08254	01004	0020	166036	"241	"196
2108	2756	08254	00996	0010	166034	"240	"198

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ZCZC WBC740

URXX KWBC 012147 DUP

75202502 244214010

NOAA3 1605 EENA

2109	2752	08253	01012	0028	170031	"238	"194
2110	2749	08256	00997	0012	171030	"242	"196
2111	2746	08256	01000	0023	176031	"241	"198
2112	2742	08257	01001	0029	184038	"259	"179
2113	2739	08257	01001	0022	186038	"266	"174
2114	2736	08254	00994	0013	187036	"263	"188
2115	2733	08252	00998	0012	183034	"253	"193
2116	2730	08250	01062	0009	185034	"249	"199
2117	2727	08250	03160	"0218	193041	"216	"160
2118	2724	08249	05433	"0246	197038	"167	"120
2119	2722	08246	07168	"0329	205036	"132	"084
2120	2719	08244	08876	"0568	199035	"093	"067
2121	2717	08241	10438	"0457	210032	"069	"069
2122	2715	08237	11008	"0461	208037	"057	"037
2123	2711	08234	11154	"0346	14125	425	425
2124	2708	08230	11027	"0466	175054	"057	003
2125	2704	08227	11026	"0471	202034	"062	010
2126	2700	08223	11026	"0496	199033	"058	016
2127	2656	08220	11028	"0483	197036	"068	"010
2128	2652	08217	11029	"0507	204037	"070	"000
2129	2648	08214	11023	"0522	205032	"056	"031
2130	2644	08211	11025	"0550	203033	"058	"014
2131	2640	08208	11021	"0526	198030	"056	010
2132	2636	08204	11021	"0505	201030	"059	004
2133	2633	08200	11028	"0514	199030	"054	"012
2134	2629	08156	11025	"0531	197029	"053	"022
2135	2626	08152	11027	"0531	201029	"053	"031
2136	2623	08148	11019	"027	201027	"051	"034
2137	2620	08143	11025	"0527	200029	"053	"026
2138	2618	08138	11023	"0536	203029	"059	006

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ZCZC WBC759

URXX KWBC 020042

75202502 245004009

NORR3 1805 ELENA

0009	2557	08023	07204	"0430	149011	"138	"039
0010	2557	08027	07898	"0451	148013	"129	"030
0011	2557	08032	08553	"0466	150013	"109	"022
0012	2557	08036	09216	"0501	156012	"093	"013
0013	2557	08040	09911	"0530	161013	"080	"003
0014	2558	08044	10501	"0550	180015	"072	007
0015	2600	08048	11183	"0577	171018	"065	018
0016	2602	08052	11660	"0989	159014	"041	"030
0017	2604	08056	12255	"0635	184018	"033	007
0018	2605	08101	11574	"0645	190017	"025	017
0019	2608	08104	13164	"0671	191019	"020	015
0020	2610	08107	13660	"0687	188023	"014	039
0021	2613	08111	14057	"0704	189023	"006	073
0022	2616	08114	14432	"0729	199025	"004	067
0023	2619	08117	14829	"0855	200027	006	063
0024	2620	08121	15098	"0762	192024	007	094
0025	2621	08125	15348	"0760	189025	008	099
0026	2623	08129	15729	"0756	188025	009	077
0027	2624	08133	16012	"0770	198025	024	077
0028	2626	08138	16014	"0774	198028	031	095
0029	2627	08142	16018	"0772	193029	030	101
0030	2629	08147	16013	"0775	192029	027	120
0031	2630	08152	16010	"0790	189029	027	124
0032	2632	08156	16006	"0790	190031	035	079
0034	2636	08206	15863	"0785	186030	030	*062
0035	2638	08211	15996	"0805	188030	026	087
0036	2639	08216	15999	"0819	191029	024	109
0037	2641	08221	15997	"0822	189029	024	101
0038	2643	08226	16003	"0817	194030	029	118

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445NN 83E

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ZCZC WBC782

URXX KWBC 020112

75202502 245011009

NORR3 1805 ELENA

0039	2644	08231	16002	"0811	190031	024	123
0040	2646	08235	15999	"0811	198028	024	125
0041	2647	08240	15998	"0809	202028	022	126
0042	2649	08245	16004	"0811	196027	029	101
0043	2650	08249	16001	"0809	198027	020	084
0044	2652	08254	16002	"0803	197029	025	071
0045	2653	08259	15996	"0802	191030	024	080
0046	2655	08304	15998	"0802	192030	023	104
0047	2656	08308	15994	"0798	189029	015	122
0048	2658	08313	15989	"0794	191032	016	125
0049	2659	08318	15994	"0791	194029	010	123
0050	2701	08323	15993	"0786	198028	008	122
0051	2703	08328	15993	"0777	200029	011	115
0052	2704	08333	15989	"0775	201030	013	115
0053	2706	08338	15987	"0771	202030	012	115
0054	2707	08342	15991	"0765	201030	013	115
0055	2709	08347	15985	"0761	194031	015	115
0056	2711	08352	15991	"0753	197029	012	115
0057	2712	08357	15988	"0750	195030	016	115
0058	2714	08402	15986	"0745	202029	014	115
0059	2715	08406	15990	"0742	195031	019	115
0100	2717	08411	15991	"0743	192030	023	115
0101	2719	08416	15995	"0733	212026	019	116
0102	2721	08420	15986	"0736	216027	025	087
0103	2725	08424	15982	"0736	207030	016	090
0104	2727	08429	15983	"0735	205030	025	057
0105	2727	08434	15987	"0721	201029	027	054
0106	2728	08439	15985	"0718	202027	026	069
0107	2728	08444	15982	"0716	197029	021	067
0108	2729	08448	15986	"0703	210026	021	073

NNNN

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NNNN

ZCZC WBC789

URXX KWBC 020142

75202502 245014007

NDAA3 1805 ELENA

0109	2731	08453	15992	"0695	221025	013	074
0110	2733	08458	15977	"0691	213029	022	061
0111	2735	08502	15560	"0673	227031	009	046
0112	2737	08507	14947	"1081	220034	001	044
0113	2740	08512	14226	"0586	217036	"002	015
0114	2742	08516	13450	"0538	217031	"023	"012
0115	2744	08521	12440	"0470	224033	"048	"036
0116	2748	08523	11500	"0431	219040	"061	"023
0117	2750	08527	10668	"0360	223037	"079	"035
0118	2752	08531	09831	"0312	224039	"088	"062
0119	2755	08536	09040	"0520	229033	"104	"079
0120	2757	08540	08238	"0216	229034	"119	"096
0121	2759	08544	07494	"0168	237038	"132	"102
0122	2801	08548	06698	"0107	236037	"146	"107
0123	2803	08552	05784	"0092	236035	"160	"134
0124	2805	08556	05017	"0013	246035	"176	"142
0125	2807	08500	04960	"0002	252035	"170	"147
0126	2809	08603	04965	0013	259034	"168	"149
0127	2812	08604	04960	0020	257041	"168	"153
0128	2816	08604	04956	0035	249039	"168	"163
0129	2821	08604	04984	0050	250042	"165	"161
0130	2825	08604	04989	0067	248043	"164	"160
0131	2829	08604	04996	0091	243043	"168	"161
0132	2833	08604	04994	0113	248043	"171	"165
0133	2837	08604	05071	0142	253043	"172	"167
0134	2841	08604	05074	0173	253045	"177	"165
0135	2845	08603	05167	0208	251053	"172	"164
0136	2850	08603	05176	0264	268053	"171	"170
0137	2853	08603	05237	0312	264054	"175	"169
0138	2857	08603	05282	0364	250055	"182	"171

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ZCZC WBC794

URXX KWBC 020213

75202502 245021007

NOAA3 1805 ELENA

0139	2901	08603	05352	0430	245062	"186	"166
0140	2905	08605	05437	0538	246071	"191	"171
0141	2909	08606	05664	0689	245081	"187	"176
0142	2912	08608	05747	0903	226078	"198	"177
0143	2916	08610	06069	1091	237062	"207	"186
0145	2923	08616	05992	1230	189010	"210	"163
0146	2926	08618	06233	1303	042031	"204	"177
0147	2929	08618	06233	1261	060044	"197	"181
0148	2933	08618	06227	1185	072068	"198	"181
0149	2937	08618	05997	1019	079108	"185	"182
0150	2940	08618	05859	0833	084120	"178	"176
0151	2943	08618	05664	0667	083118	"176	"169
0152	2946	08618	05581	0528	083105	"176	"170
0153	2950	08618	05397	0426	082093	"177	"172
0154	2953	08618	05353	0357	089092	"171	"171
0155	2957	08617	05223	0305	090094	"174	"172
0156	3000	08617	05241	0253	090089	"176	"169
0157	3004	08617	05191	0212	095086	"173	"167
0158	3007	08616	05217	0196	098086	"171	"165
0159	3005	08615	05195	0220	15598	"189	"189
0200	3002	08619	05174	0232	121144	"171	"168
0201	3000	08625	05175	0244	087092	"175	"170
0202	2958	08631	05170	0254	080091	"175	"169
0203	2956	08637	05171	0268	073092	"174	"170
0204	2954	08643	05171	0250	068089	"174	"169
0205	2953	08649	05169	0218	060083	"177	"168
0206	2951	08655	05171	0193	054078	"173	"164
0207	2950	08701	05168	0163	050076	"171	"164
0208	2948	08707	05124	0143	046074	"169	"163

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08615

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ZCZC WRC806

URXX KWBC 020242

752025027245024007

NOAA3 1805 ELENA

0209	2947	08712	05082	0117	043067	"169	"164
0210	2945	08718	05083	0093	04263	(16	"160
0211	2944	08723	05083	0072	033059	"162	"156
0212	2942	08728	05035	0052	032059	"161	"154
0213	2941	08733	05017	0032	034054	"164	"155
0214	2939	08737x	05019	0014	036053	"167	"154
0215	2938	08742	05010	0003	036053	"167	"157
0216	2937	08746	05006	"0010	034052	"163	"154
0217	2935	08750	05004	"0021	036050	"164	"153
0218	2933	08755	04935	"0030	029047	"161	"152
0219	2932	08800	04930	"0034	031046	"163	"149
0220	2930	08804	04938	"0048	030045	"161	"147
0221	2928	08808	04933	"0057	031043	"161	"146
0222	2926	08813	04928	"0067	029041	"162	"145
0223	2924	08817	04923	"0080	022032	"171	"142
0224	2923	08821	04919	"0068	028039	"163	"148
0225	2925	08822	04921	"0058	040034	"163	"147
0226	2925	08817	04894	"0073	021033	"171	"144
0227	2924	08813	04895	"0065	008036	"166	"148
0228	2923	08808	04898	"0058	010033	"167	"152
0229	2924	08804	04899	"0051	019039	"165	"147
0230	2923	08759	04894	"0042	017042	"162	"148
0231	2923	08755	04897	"0032	018045	"160	"149
0232	2923	08751	04967	"0027	017047	"160	"149
0233	2923	08746	04980	"0008	023047	"163	"152
0234	2924	08743	04979	0001	023048	"169	"155
0235	2924	08739	04976	0016	018048	"169	"157
0236	2925	08734	04976	0034	014050	"168	"158
0237	2924	08731	04979	0045	013050	"167	"159
0238	2924	08727	05004	0067	009051	"168	"159

NNNN

760

KC

ZCZC WRC814

URXX KWBC 020312

75202502 245031007

NDA03 1805 ELENA

0239	2924	08723	05007	0091	005059	"165	"158
0240	2924	08719	05038	0114	005060	"163	"158
0241	2924	08715	05080	0141	009062	"165	"160
0242	2924	08710	05076	0172	011066	"167	"164
0243	2924	08706	05125	0206	012071	"168	"165
0244	2924	08702	05236	0252	012073	"168	"165
0245	2923	08658	05242	0298	012081	"170	"167
0246	2922	08654	05283	0357	012084	"174	"172
0247	2921	08650	05349	0438	006085	"176	"173
0248	2921	08645	05555	0545	359090	"174	"171
0249	2920	08641	05579	0714	350100	"170	"167
0250	2920	08636	05889	0939	356090	"181	"179
0251	2920	08631	06064	1124	330064	"202	"185
0252	2921	08627	06255	1233	314026	"200	"180
0253	2923	08623	06230	1265	187013	"201	"187
0254	2926	08619	0619	1193	154040	"205	"182
0255	2927	08615	06070	1117	161057	"214	"176
0256	2929	08611	05944	0894	151110	"203	"161
0257	2931	08607	05678	0692	145103	"184	"173
0258	2932	08603	05500	0537	146093	"184	"165
0259	2934	08600	05417	0436	147085	"178	"169
0300	2932	08559	05384	0421	150078	"178	"171
0301	2930	08603	05492	0489	148092	"183	"164
0302	2929	08607	05617	0653	146105	"181	"166
0303	2928	08612	05832	0860	151108	"190	"175
0304	2927	08616	05994	1073	156075	"201	"184
0305	2925	08620	06082	1199	147045	"203	"176
0306	2923	08624	06163	1260	158023	"200	"182
0307	2922	08628	06184	1274	265003	"197	"186
0308	2919	08631	06187	1204	323026	"198	"186

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ZCZC WBC821

URXX KMBC 020342

75202502 245034007

NDAA3 1805 ELENA

0309	2917	08627	06064	1155	266055	"219	"171
0310	2917	08621	06081	1061	230074	"232	"153
0311	2917	08616	05926	0906	209083	"185	"179
0312	2917	08610	05700	0684	205093	"193	"170
0313	2918	08605	05550	0516	195084	"193	"164
0314	2918	08600	05375	0397	186075	"186	"173
0315	2919	08556	05262	0317	188071	"179	"173
0316	2918	08551	05280	0251	190065	"175	"171
0317	2918	08546	05200	0197	179065	"173	"169
0318	2918	08541	05139	0152	177068	"169	"167
0319	2919	08537	05135	0116	174067	"168	"164
0320	2919	08532	05095	0086	171064	"169	"160
0321	2919	08527	05055	0060	174064	"166	"153
0322	2919	08522	05055	0029	177063	"174	"147
0323	2919	08517	05010	0003	175061	"172	"146
0324	2919	08513	04980	"0014	175058	"173	"147
0325	2919	08508	04949	"0039	175055	"168	"156
0326	2920	08503	04951	"0054	174056	"166	"154
0329	2921	08449	04382	"0109	176045	"151	"132
0330	2922	08445	04924	"0113	174051	"168	"147
0331	2922	08440	04877	"0126	170056	"167	"152
0332	2923	08436	04876	"0140	173058	"168	"142
0333	2923	08432	4869	"0152	167059	"168	"157
0334	2923	08427	04798	"0156	163054	"164	"164
0335	2923	08423	04777	"0158	159058	"167	"150
0336	2923	08419	04792	"0176	164055	"160	"145
0337	2923	08415	04796	"0188	164056	"160	"153
0338	2923	08411	04794	"0195	166055	"165	"150

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ZCZC WBC831

URXX KWBC 020442

75202502 245044008

NDARR3 1805 ELENR

0409	3008	08625	05071	0123	104091	"169	"164
0410	3007	08631	05086	0163	094091	"171	"168
0411	3006	08637	05104	0203	087096	"169	"163
0412	3009	08637	05106	0193	095084	"173	"166
0413	3007	08635	05079	0177	090088	"172	"171
0414	3003	08635	05085	0206	088090	"170	"170
0415	3000	08635	05197	0262	092092	"175	"171
0416	2956	08635	05306	0320	091088	"175	"172
0417	2953	08635	05341	0388	087096	"178	"168
0418	2950	08635	05406	0500	090107	"183	"166
0419	2946	08635	05586	0649	093118	"176	"169
0420	2943	08635	05844	0855	102113	"181	"181
0421	2939	08636	05946	1022	107097	"191	"183
0422	2936	08637	06092	1178	107064	"197	"184
0423	2933	08639	06210	1243	105030	"201	"176
0424	2929	08640	06220	1249	104012	"199	"184
0425	2926	08641	06212	1208	270011	"204	"179
0426	2922	08641	06210	1105	257042	"211	"165
0427	2918	08641	05915	0939	267072	"183	"182
0428	2914	08641	05747	0689	271077	"181	"172
0429	2911	08641	05544	0519	274074	"177	"160
0430	2907	08641	05422	0401	273060	"176	"166
0431	2903	08642	05296	0317	271056	"189	"168
0432	2859	08642	05276	0255	276052	"178	"171
0433	2855	08642	05221	0209	280048	"174	"169
0434	2851	08642	05146	0161	272049	"167	"165
0435	2847	08641	05151	0121	268042	"167	"163
0436	2843	08641	05073	0095	259038	"168	"166
0437	2839	08641	05071	0068	257038	"166	"163
0438	2835	08641	05080	0042	257037	"164	"161

NNNN

452NN 83E

ZCZC WDC827

URXX KWBC 020412

~~RRRR250203450RRRR08~~

0339	2923	08407	04800	"0196	164057	"166	"145
0340	2921	08406	04810	"0184	166054	"167	"141
0341	2921	08411	04796	"0201	163059	"170	"136
0342	2922	08415	04800	"0194	162060	"165	"143
0343	2923	08420	04789	"0184	160062	"161	"151
0344	2924	08425	04789	"0169	154066	"157	"150
0345	2925	08430	04792	"0158	154056	"165	"162
0346	2926	08435	04805	"0143	164050	"168	"163
0347	2926	08440	04791	"0146	164057	"164	"155
0348	2927	08445	04792	"0126	166053	"169	"150
0349	2927	08449	04793	"0111	167052	"170	"146
0350	2928	08454	04796	"0100	168054	"172	"145
0351	2928	08458	04878	"0086	165054	"172	"144
0352	2928	08502	04911	"0075	166057	"167	"154
0353	2929	08507	04904	"0060	160057	"168	"162
0354	2929	08512	04907	"0049	162059	"173	"150
0355	2929	08517	04904	"0024	163063	"169	"149
0356	2930	08521	04923	0005	162062	"169	"149
0357	2933	08526	04905	0014	161064	"169	"153
0358	2936	08530	04963	0026	157068	"167	"158
0359	2939	08534	04955	0042	151070	"168	"159
0400	2942	08539	04991	0058	147073	"166	"156
0401	2945	08544	04994	0081	144075	"168	"156
0402	2948	08549	05035	0097	138080	"169	"158
0403	2952	08554	05036	0117	133081	"169	"161
0404	2954	08559	05036	0137	127084	"170	"166
0405	2957	08604	05042	0150	124083	"170	"168
0406	3000	08610	05074	0159	118087	"172	"168
0407	3003	08615	05079	0155	109087	"170	"166
0408	3006	08620	05082	0140	105090	"170	"163

NNNN



NNNN

ZCZC WBC835

URXX KWBC 020513

75202502 245051008

N0AA3 1805 ELENA

0439	2832	08641	05029	0031	258038	"168	"162
0440	2828	08641	05035	0010	255036	"164	"160
0441	2824	08641	04971	"0000	250037	"166	"160
0442	2820	08640	04959	"0015	251034	"163	"160
0443	2817	08640	04960	"0029	248032	"160	"160
0444	2813	08640	04954	"0040	237041	"163	"149
0445	2809	08640	04959	"0052	238038	"163	"150
0446	2806	08640	04962	"0059	232040	"163	"149
0447	2803	08641	04912	"0065	226040	"169	"133
0448	2759	08641	04914	"0065	223040	"170	"134
0449	2756	08641	04912	"0068	221038	"172	"135
0450	2753	08641	04909	"0071	223035	"171	"13 ?
0451	2750	08641	04920	"0077	223033	"167	"138
0452	2747	08640	04908	"0102	223028	"168	"137
0453	2747	08636	04904	"0107	226038	"170	"133
0454	2751	08632	04914	"0086	220041	"170	"139
0455	2754	08629	04919	"0082	219043	"169	"140
0456	2757	08625	04910	"0084	218043	"168	"139
0457	2800	08621	04917	"0081	218046	"171	"134
0458	2803	08618	04912	"0077	218049	"178	"127
0459	2806	08614	04913	"0076	221047	"172	"129
0500	2809	08610	04915	"0075	221049	"169	"132
0501	2812	08606	04917	"0077	219051	"171	"130
0502	2816	08602	04911	"0080	217052	"173	"131
0503	2819	08558	04914	"0082	218053	"165	"148
0504	2822	08554	04913	"0084	212050	"166	"149
0505	2825	08550	04916	"0082	210052	"166	"147
0506	2829	08545	04913	"0086	208053	"166	"143
0507	2832	08541	04911	"0091	207055	"169	"144
0508	2835	08537	04918	"0088	206052	"165	"159

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NNNN

ZCZC WRC838

URXX KWBC 020542

75202502 245054008

NOAA3 1805 ELENA

0509	2838	08532	04916	"0094	207056	"168	"152
0510	2841	08528	04917	"0097	200054	"167	"150
0511	2844	08524	04917	"0101	199052	"176	"134
0512	2847	08520	04915	"0106	199055	"168	"138
0513	2850	08516	04911	"0117	194054	"164	"138
0514	2854	08512	04919	"0122	192053	"167	"132
0515	2857	08508	04915	"0132	188052	"166	"136
0516	2900	08505	04916	"0136	188051	"166	"140
0517	2903	08501	04915	"0146	186049	"171	"133
0518	2906	08457	04916	"0152	174050	"172	"145
0519	2910	08454	04878	"0155	170051	"166	"152
0520	2913	08450	04828	"0159	172050	"169	"152
0521	2915	08446	08334	"0164	173052	"178	"137
0522	2918	08442	04849	"0160	183047	"175	"167
0523	2921	08438	04811	"0176	165054	"165	"157
0524	2924	08435	04766	"0183	164055	"170	"146
0525	2926	08431	04758	"0188	163054	"173	"142
0526	2927	08427	04773	"0170	164055	"177	"106
0527	2925	08430	04762	"0183	158054	"178	"098
0528	2926	08435	04807	"0186	158057	"172	"126
0529	2926	08440	04837	"0180	157057	"164	"152
0530	2927	08445	04812	"0171	158049	"164	"158
0531	2927	08450	04812	"0159	165049	"176	"141
0532	2927	08455	04810	"0154	161050	"170	"150
0533	2928	08459	04813	"0147	164048	"170	"144
0534	2928	08504	04815	"0135	166049	"168	"140
0535	2928	08508	04813	"0122	166051	"166	"143
0536	2929	08513	04813	"0112	166054	"166	"141
0537	2929	08517	04812	"0103	167055	"169	"135
0538	2929	08522	04810	"0090	167055	"161	"143

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NNNN

ZCZC WBC843

URXX KWBC 020612

75202502 245061008

NDARR3 1805 ELENA

0539	2930	08526	04816	#0075	169053	"165	"148
0540	2930	08531	04877	"0064	171056	"167	"152
0541	2931	08535	04919	"0051	175058	"168	"150
0542	2932	08541	04921	"0038	172057	"172	"144
0543	2932	08545	04922	"0017	173061	"176	"145
0544	2932	08550	04914	0004	170059	"175	"153
0545	2933	08555	04945	0022	168061	"171	"153
0546	2933	08600	04946	0045	165062	"167	"157
0547	2933	08604	04994	0066	167059	"171	"166
0548	2933	08609	05030	0087	170058	"168	"164
0549	2933	08613	05081	0114	168065	"169	"163
0550	2933	08618	05093	0148	170066	"166	"164
0551	2933	08622	05114	0190	175070	"168	"167
0552	2933	08627	05192	0234	187065	"172	"170
0553	2934	08631	05259	0289	183067	"176	"172
0554	2934	08635	05264	0350	182074	"179	"168
0555	2935	08640	05338	0449	184081	"183	"173
0556	2935	08645	05753	0544	184089	"188	"160
0557	2935	08649	05682	0716	194093	"185	"177
0558	2935	08653	05818	0917	193091	"185	"179
0559	2936	08657	06102	1068	199068	"213	"187
0600	2937	08701	06109	1195	195038	"201	"180
0601	2938	08705	06150	1227	174013	"195	"177
0602	2939	08710	06151	1220	005010	"196	"184
0603	2939	08714	06188	1158	351031	"211	"174
0604	2939	08718	05989	1040	359060	"193	"185
0605	2940	08723	05917	0830	014103	"167	"167
0606	2941	08727	05731	0614	000098	"161	"161
0607	2941	08731	05455	0491	005091	"171	"171
0608	2942	08735	05389	0393	011082	"172	"172

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455NN 83E

020642
245064008

1805 ELENA

2942	08740	05271	0320	011075	"173	"172
0610 2943	08744	05274	0254	013066	"172	"165
0611 2943	08749	05224	0202	017064	"170	"166
0612 2943	08753	05163	0171	017060	"170	"165
0613 2944	08757	05161	0141	017056	"168	"164
0614 2943	08802	05112	0118	019053	"171	"163
0615 2943	08806	05078	0091	019049	"172	"160
0616 2943	08810	05072	0067	020046	"174	"157
0617 2942	08815	05059	0046	021042	"170	"157
0618 2942	08819	05023	0034	270Y14	008	008
0619 2941	08823	05021	0015	008037	"166	"159
0622 2937	08834	03491	"0172	027023	"128	"099
0623 2933	08832	05003	"0013	015030	"176	"151
0624 2929	08830	04957	"0011	011029	"174	"154
0625 2925	08828	04952	"0008	004027	"181	"153
0626 2922	08826	04950	"0006	000028	"177	"154
0627 2918	08824	04957	"0005	353027	"177	"153
0628 2914	08822	04955	"0005	348028	"170	"156
0629 2911	08819	04954	"0008	342028	"171	"154
0630 2907	08817	04954	"0006	326028	"167	"155
0631 2904	08815	04953	"0009	318031	"163	"157
0632 2900	08812	04957	"0011	313030	"165	"155
0633 2856	08809	04950	"0015	314031	"164	"156
0634 2852	08807	04959	"0020	305028	"166	"158
0635 2849	08804	04951	"0022	300029	"164	"157
0636 2845	08802	04957	"0026	289029	"165	"150
0637 2841	08759	04962	"0028	283030	"164	"146
0638 2838	08758	04951	"0035	282029	"163	"145

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NNNN

ZCZC WRC850

URXX KWBC 020712

75202502 245071008

NOAA3 1805 ELENA

0639	2834	08757	04953	"0040	280029	"160	"144
0640	2831	08755	04954	"0044	274029	"161	"145
0641	2827	08753	04953	"0056	280028	"165	"149
0642	2823	08752	04953	"0059	283029	"164	"138
0643	2819	08750	04951	"0066	285028	"167	"141
0644	2815	08749	04952	"0074	286027	"165	"148
0645	2811	08747	04881	"0072	279027	"170	"164
0646	2808	08745	04851	"0079	276028	"173	"163
0647	2804	08744	04867	"0087	280027	"171	"157
0648	2800	08742	04869	"0094	278027	"175	"139
0649	2756	08740	04868	"0103	277028	"172	"137
0650	2753	08738	04869	"0110	272027	"173	"142
0651	2749	08736	04887	"0111	270028	"172	"137
0652	2745	08735	04824	"0115	271025	"172	"132
0653	2742	08733	04850	"0117	274027	"172	"133
0654	2738	08732	04840	"0122	276033	"174	"143
0655	2734	08731	04863	"0135	249033	"168	"158
0656	2731	08729	04857	"0133	248021	"165	"164
0657	2727	08727	04853	"0138	227027	"169	"165
0658	2724	08726	04965	"0165	241020	"159	"151
0659	2720	08724	04824	"0161	258019	"177	"141
0700	2719	08725	04845	"0139	265016	"176	"134
0701	2722	08726	04837	"0163	251021	"172	"143
0702	2726	08725	04823	"0151	221025	"163	"157
0703	2731	08725	04897	"0141	219027	"165	"163
0704	2736	08725	04822	"0132	231031	"165	"160
0705	2740	08724	04810	"0128	255032	"168	"156
0706	2744	08724	04810	"0119	261025	"167	"145
0707	2748	08724	04809	"0111	254023	"168	"143
0708	2752	08724	04826	"0106	248027	"173	"156

NNNN

NNNN

ZCZC WRC851

URXX KWBC 020742

75202502 245074008

NOAA3 1805 ELENA

0709	2756	08723	04888	"0106	254026	"169	"147
0710	2800	08724	04892	"0099	254029	"169	"146
0711	2804	08724	04884	"0095	247026	"163	"148
0712	2807	08724	04893	"0086	244023	"166	"156
0713	2811	08724	04887	"0079	252025	"167	"142
0714	2815	08725	04888	"0071	248026	"171	"142
0715	2819	08725	04889	"0060	257028	"171	"143
0716	2823	08725	04887	"0053	252026	"163	"148
0717	2826	08725	04886	"0045	251028	"165	"140
0718	2830	08725	04892	"0038	249027	"167	"160
0719	2834	08726	04906	"0028	241033	"167	"145
0720	2838	08726	04910	"0013	239035	"166	"146
0721	2842	08726	04909	"0004	243036	"164	"153
0722	2846	08726	04911	0007	244039	"167	"152
0723	2850	08725	04910	0020	244040	"165	"157
0724	2854	08725	04912	0033	252033	"166	"162
0725	2858	08725	04986	0050	252037	"167	"163
0726	2901	08724	04996	0067	254036	"167	"163
0727	2906	08724	04989	0089	258037	"170	"166
0728	2910	08724	04989	0111	259040	"169	"165
0729	2914	08724	05064	0139	279043	"166	"163
0730	2917	08723	05115	0167	284045	"169	"165
0731	2921	08722	05114	0197	283047	"173	"168
0732	2925	08721	05137	0233	277049	"182	"167
0733	2929	08720	05169	0276	276055	"181	"167
0734	2933	08720	05178	0338	272062	"181	"168
0735	2936	08720	05350	0409	273071	"176	"167
0736	2940	08719	05469	0521	275081	"177	"167
0737	2944	08719	05579	0674	271090	"179	"169
0738	2948	08719	05994	0898	286099	"180	"176

NNNN

NNNN

ZCZC WBC858

URXX KWBC 020812

75202502 245081008

NORR3 1805 ELENA

0739	2952	08719	06071	1087	265061	"211	"178
0740	2957	08720	06063	1185	246018	"207	"183
0741	3001	08722	06062	1223	149009	"202	"182
0742	3004	08721	06074	1236	114022	"203	"181
0743	3001	08717	06138	1217	141016	"205	"182
0744	2958	08718	06259	1193	187018	"199	"183
0745	2956	08721	06190	1189	237018	"214	"173
0746	2953	08724	06289	1110	281049	"210	"171
0747	2950	08727	06051	0982	297097	"171	"171
0748	2947	08730	05549	0806	298095	"172	"172
0749	2945	08733	05610	0620	297087	"166	"166
0750	2943	08736	05465	0493	304080	"169	"168
0751	2941	08740	05350	0396	305072	"171	"168
0752	2939	08744	05323	0317	308059	"180	"165
0753	2936	08747	05241	0270	313053	"185	"165
0754	2932	08750	05276	0225	316052	"173	"165
0755	2930	08754	05150	0193	319046	"172	"166
0756	2927	08757	06189	"0130320036	"168	"155	
0757	2924	08800	07697	"0013 311034	"137	"135	
0758	2922	08803	09113	"0327 330031	"118	"113	
0759	2919	08806	09751	"0161 297030	"102	"102	
0800	2916	08810	09759	"0182 299032	"096	"096	
0801	2914	08813	09761	"0192 303032	"100	"096	
0802	2911	08816	09755	"0216 304029	"099	"097	
0803	2907	08815	09744	"0236 301034	"096	"092	
0807	2919	08812	09665	"0181 295025	"100	"100	
0808	2921	08815	09764	"0169 303028	"102	"100	

NNNN



NNNN

ZCZC WRC863

URXX KWBC 020843

75202502 245084008

NORR3 1805 ELENA

0809	2923	08819	09755	"0173	308029	"101	"101
0810	2925	08822	09757	"0176	324027	"100	"100
0811	2926	08825	09758	"0178	327025	"098	"098
0812	2927	08829	09786	"0172	336027	"098	"098
0813	2930	08827	09778	"0168	328028	"101	"098
0814	2931	08823	09768	"0155	316033	"102	"097
0815	2931	08818	09763	"0143	321035	"101	"099
0816	2932	08814	09761	"0116	324034	"107	"095
0817	2933	08810	09820	"0092	330038	"106	"092
0818	2934	08806	09884	"0055	325042	"100	"097
0819	2935	08802	09972	"0019	336044	"093	"089
0820	2937	08758	09974	0043	330051	"100	"091
0821	2939	08756	10096	0125	325054	"106	"088
0822	2942	08752	10194	0234	325071	"100	"096
0823	2944	08749	10373	0408	329081	"098	"098
0824	2946	08745	10642	0609	329060	"114	"114
0825	2950	08742	10644	0774	306034	"136	"119
0826	2953	08739	10738	0851	279003	"148	"100
0827	2957	08737	10737	0860	130015	"155	"075
0828	2959	08733	10755	0854	137034	"154	"097
0829	2959	08729	10749	0783	148059	"154	"099
0830	2959	08725	10645	0632	161098	"130	"120
0831	2958	08721	10414	0435	155111	"108	"104
0832	2958	08718	10183	0278	159103	"099	"088
0833	2958	08714	10513	0134	163096	"094	"079
0834	2957	08710	11078	0021	166088	"083	"067
0835	2956	08706	12198	"0368	170076	"066	"044
0836	2955	08703	13004	"0219	174072	"049	"039
0837	2954	08659	13922	"0304	175062	"029	"024
0838	2953	08655	14805	"0402	178060	"015	"015

NNNN

NNNN

ZCZC WBC866

URXX KWBC 020913

75202502 245091008

NOAA3 1805 ELENA

0839	2952	08651	15763	"0491	177059	"000	"000
0840	2950	08647	16358	"0542	179053	005	006
0841	2949	08643	17105	"0629	185055	021	021
0842	2948	08639	17703	"0682	185050	028	042
0843	2946	08635	18190	"0759	184042	035	055
0844	2945	08631	18651	"0769	183042	042	068
0845	2944	08626	19163	"0827	189043	054	080
0846	2942	08622	19064	"0843	191041	053	078
0847	2940	08617	19073	"0850	191037	051	086
0848	2938	08612	19072	"0855	186034	055	079
0849	2936	08606	19067	"0865	191032	056	077
0850	2934	08601	19072	"0871	192033	055	086
085	2931	08557	19068	"0880	195033	058	086
0852	2929	08552	19074	"0889	209024	055	066
0853	2927	08547	19066	"0897	195024	057	076
854	2925	08542	19070	"0904	195026	059	077
0855	2923	08537	19066	"0910	198025	060	084
0856	2921	08532	19065	"0913	199023	058	088
0857	2918	08527	19069	"0917	193028	059	083
0858	2916	08523	19067	"0924	191032	091	091
0859	2914	08518	19065	"0933	183021	088	088
0900	2912	08513	19063	"0943	182017	065	085
0901	2910	08508	19061	"0957	185017	064	076
0902	2908	08504	19062	"0960	191012	055	090
0903	2906	08459	19065	"0963	179014	062	100
0904	2904	08454	19063	"0964	173011	060	102
0905	2901	08449	19060	"0972	165013	063	109
0906	2859	08445	19058	"0973	181013	069	110
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0909	2852	08431	19056	"0987	188012	070	118
0910	2850	08426	19062	"0990	174012	071	120
0911	2848	08422	19059	"0996	190014	070	125
0912	2846	08417	19060	"1002	198013	067	127
0913	2844	08412	19058	"0999	203017	070	132
0914	2842	08408	19058	"1004	209016	072	144
0915	2839	08403	19059	"1005	205017	077	153
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0917	2835	08353	19064	"0997	247028	064	155
0918	2833	08348	19059	"1011	208019	074	153
0919	2830	08343	19078	"1017	215018	073	152
0920	2828	08337	19079	"1021	214015	077	152
0921	2826	08332	19076	"1031	202015	082	150
0922	2823	08327	19077	"1029	201018	086	150
0923	2821	08322	19076	"1028	202018	083	151
0924	2819	08317	19074	"1033	196018	092	152
0925	2816	08312	19074	"1035	206018	094	153
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0927	2812	08302	19072	"1036	209022	092	155
0928	2809	08256	19074	"1041	206024	093	152
0929	2807	08251	19070	"1046	205024	089	155
0930	2805	08246	19072	"1051	199024	092	156
0931	2803	08241	19068	"1047	203025	085	155
0932	2801	08235	19071	"1056	204025	086	153
0933	2800	08230	19070	"1059	204024	087	155
0934	2759	08224	19071	"1045	202021	086	157
0935	2758	08219	19071	"1016	205022	088	157
0936	2756	08213	19087	"1017	206022	087	158
0937	2752	08211	19070	"1031	203019	085	159
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