

ZCZC WBC785

URNT12 KMIA 290555

AF980 0705 ELENA OB 09 KMIA

DETAILED VORTEX DATA MESSAGE

A. 29/0528Z

B. 23 DEG 57 MIN N

83 DEG 15 MIN W

C. NOT OBSERVED

D. NOT OBSERVED

E. NOT OBSERVED

F. N/A

G. N/A

H. 1002MB EXTRAPOLATED

I. 24 C / 454 M

J. 24 C / 436 M

K. 23 C / 28.5 C

L. POORLY DEFINED

M. NOT OBSERVED

N. 23 DEG 57 MIN N

83 DEG 15 MIN W

29/0528Z

O. 134/1

P. 5/6 NM

Q. NEG RADAR PRESENTATION OF EYE;

NNNN

ZCZC WBC794

URNT12 KMIA 290819

AF980 0705 ELENA OB 14 KMIA

DETAILED VORTEX DATA MESSAGE

A. 29/0804Z

B. 24 DEG 23 MIN N

83 DEG 56 MIN W

C. NOT OBSERVED

D. NOT OBSERVED

E. NOT OBSERVED

F. 240 DEG 28 KT

G. 180 DEG 25 NM

H. 998MB EXTRAPOLATED

I. 24 C / 436 M

J. 25 C / 448 M

K. 24 C / 29.0 C

L. POORLY DEFINED

M. NOT OBSERVED

N. 24 DEG 23 MIN N

83 DEG 56 MIN W

29/0804Z

O. 1345/1

P. 5/5 NM

Q. SPIRAL BAND FORMING W THRU S;

NNNN

ZCZC WBC837

URNT12 KMIA 291235

NOAAR3 0805 ELENA 08 04 KMIA

DETAILED VORTEX DATA MESSAGE

A. 29/1207Z

B. 24 DEG 57 MIN N

84 DEG 58 MIN W

C. NOT OBSERVED

D. 50KT

E. 340 DEG 20NM

F. 360 DEG 58 KT

G. 340 DEG 15 NM

H. 994MB EXTRAPOLATED

I. 24 C / 545 M

J. 26 C / 542 M

K. 26 C / 24C

L. CLOSED WALL

M. C35

N. 24 DEG 57 MIN N

84 DEG 58 MIN W

29/1207Z

O. 1234/1

P. 5/5 NM

Q. 60 KT WND 100NM E OF CNTR

NNNN

NNNN
ZCZC WBC874

URNT12 KMIA 291500

NDRAA3 0805 ELENA OB 10 KMIA

DETAILED VORTEX DATA MESSAGE

A. 29/1428Z

B. 25 DEG 24 MIN N

85 DEG 20 MIN W

C. 850MB 1389 M

D. 60KT

E. 340 DEG 35NM

F. 071 DEG 53 KT

G. 340 DEG 15 NM

H. 995MB EXTRAPOLATED

I. 19 C / 1461M

J. 20 C / 1512M

K. 19 C / 28C

L. OPEN NW

M. 035

N. 25 DEG 24 MIN N

85 DEG 20 MIN W

29/1428Z

O. 1234/8

P. 5/5 NM

Q. SFC PRES EXTRAPOLATED FROM 5000FT.

ZCZC WBC900

URNT12 KMIA 291822

NOAA3 0805 ELENA OB 17 KMIA

DETAILED VORTEX DATA MESSAGE

A. 29/1755Z

B. 25 DEG 57 MIN N

85 DEG 51 MIN W

C. 850MB 1347 M

D. 75KT

E. 030 DEG 80NM

F. 100 DEG 72 KT

G. 355 DEG 30 NM

H. 990MB EXTRAPOLATED

I. 18 C / 1529M

J. 21 C / 1646M

K. 18 C / 28.6C

L. OPEN SE

M. C30

N. 25 DEG 57 MIN N

85 DEG 51 MIN W

29/1755Z

O. 124/8

P. 5/5 NW

Q. SFC PRES EXTRAPOLATED FROM 5000FT;

URNT12 KMIA 292122

NOAA2 0905 ELENA 08 04 KMIA

DETAILED VORTEX DATA MESSAGE

A. 29/2047Z

B. 26 DEG 15 MIN N

86 DEG 30 MIN W

C. 850MB 1300 M

D. 75KT

E. 100 DEG 50NM

F. 165 DEG 72 KT

G. 100 DEG 50 NM

H. 987MB. EXTRAPOLATED

I. 18 C / 1540M

J. 20 C / 1664M

K. 18 C / 26 C

L. CLOSED WALL

M. C15

N. 26 DEG 15 MIN N

86 DEG 30 MIN W

29/2047Z

O. 1234/8

P. 5/3 NM

Q. SFC PRES EXTRAPOLATED FROM 5000FT;

ZCZC ABC993

URNT12 KMIA 300056

NOAR2 0905 ELENA OB 12 KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/0014Z

B. 26 DEG 35 MIN N

86 DEG 35 MIN W

C. 850MB 1293 M

D. 75KT

E. 60 DEG 40NN

F. 150 DEG 77 KT

G. 60 DEG 25 NN

H. 985MB EXTRAPOLATED

I. 17 C / 1500M

J. 21 C / 1675M

K. 18 C / 26 C

L. POORLY DEFINED

M. N/A

N. 26 DEG 35 MIN N

86 DEG 35 MIN W

30/0014Z

O. 1234/8

P. 4/6 NN

Q. SFC PRES EXTRAPOLATED FROM 5000FT

HUB CLD ONLY E SIDE OF EYE

BROADER REGION OF HUY RAIN E OF CTR

ZCZC WBC025

URNT12 KMIA 300314

NDARR2 0905 ELENA 08 18 KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/0236Z

B. 26 DEG 58 MIN N

87 DEG 01 MIN W

C. 850MB 1297 M

D. N/A

E. N/A

F. 200 DEG 87 KT

G. 120 DEG 35 NM

H. 985MB EXTRAPOLATED

I. 17 C / 1510M

J. 21 C / 1665M

K. 20 C / 26 C

L. POORLY DEFINED

M. N/A

N. 26 DEG 58 MIN N

87 DEG 01 MIN W

30/0236Z

O. 134/8

P. 6/4 NM

Q. SFC PRES EXTRAPOLATED FROM 5000FT

STROG RAIN BAND ESE OF CTR

NNNN

NNNN

ZCZC WBC049

URNT12 KMIA 300633

NOAA3 1005 ELENA OB 04 KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/0544Z

B. 27 DEG 17 MIN N

87 DEG 08 MIN W

C. 850MB 1260 M

D. N/A

E. N/A

F. 180 DEG 83 KT

G. 110 DEG 35 NM

H. 980MB EXTRAPOLATED

I. 20 C / 1538M

J. 21 C / 1533M

K. 20 C / N/A

L. POORLY DEFINED

M. N/A

N. 27 DEG 17 MIN N

87 DEG 08 MIN W

30/0544Z

O. 1345/8

P. 3/3 NM

Q. SFC PRES EXTRAPOLATED FROM 5000FT

SFC WND ESTIMATED 70 KTS AT 110 DEG 35NM FROM CNTR

0544 20

NNNN

ZCZC WBC057

URNT12 KMIA 300742

NORR3 1005 ELENA OB 08 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 30/0715Z

B. 27 DEG 28 MIN N

87 DEG 16 MIN W

C. 850MB 1258 M

D. N/A

E. N/A

F. 260 DEG 64 KT

G. 180 DEG 38 NM

H. 980MB EXTRAPOLATED

I. SFC PRES EXTRAPOLATED FROM 5000 FT;

NNNN

ZCZC WBC073

URNT12 KWIA 300900

NOAA3 1005 ELENA OB 10 KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/0824Z

B. 27 DEG 35 MIN W

87 DEG 25 MIN W

C. 850MB 1260 M

D. N/A

E. N/A

F. 075 DEG 64 KT

G. 310 DEG 25 NM

H. 980MB EXTRAPOLATED

I. 21 C / 1505M

J. 22 C / 1505M

K. 19 C / N/A

L. POORLY DEFINED

M. N/A

N. 27 DEG 35 MIN W

87 DEG 25 MIN W

30/0824Z

O. 1345/8

P. 3/10 NM

Q. SLP EXTRAPOLATED FROM 5000 FT

SFC WND ESTIMATED FROM SFMR

50 KTS AT 310 DEG 25 NM FROM CENTER

NNNN

ZCZC WBC086

URNT12 KMIA 301051

NOAA3 1005 ELENA OB 14 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 30/1012Z

B. 27 DEG 40 MIN N

87 DEG 26 MIN W

C. 850MB 1210 M

D. N/A

E. N/A

F. 150 DEG 97 KT

G. 060 DEG 45 NM

H. 973MB EXTRAPOLATED

I. SLP EXTRAPOLATED FROM 5000 FT

NNNN

ZCZC WBC118

URNT12 KNIA 301200 COR

NOAA3 1005 ELENA OB 16 COR KNIA

DETAILED VORTEX DATA MESSAGE

A. 30/1119Z

B. 27 DEG 50 MIN N

87 DEG 22 MIN W

C. 850MB 1212 M

D. N/A

E. N/A

F. 130 DEG 89 KT

G. 045 DEG 30 NM

H. 974MB EXTRAPOLATED.....CORRECTED ITEM

I. 22 C / 1490M

J. 24 C / 1490M

K. 19 C / N/A

L. POORLY DEFINED

M. N/A

N. 27 DEG 50 MIN N

87 DEG 22 MIN W

30/1119Z

O. 134/8

P. 8/10 NM

Q. SLP EXTRAPOLATED FROM 5000 FT

SEA SFC WND ESTIMATED FROM SFMR

90 KTS AT 045 DEG 30 NM FROM CENTER;

ZCZC WBC168

URNT12 KMIA 301755 COR

AF972 1105 ELENA OB 03 COR KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/1735Z

B. 28 DEG 04 MIN N

86 DEG 46 MIN W

C. 850 MB 1229 M

D. 105 KTS

E. 090 DEG 45 NM

F. 180 DEG 72 KT

G. 090 DEG 15 NM

H. N/A

I. 16 C/1615 W

J. 24 C/1615M

K. 15 C/ N/A

L. NEGATIVE EYE

M. N/A

N. 28 DEG 04 MIN N

86 DEG 46 MIN W

30/1735Z

O. 1345/0 (ITEM CORRECTED)

P. 5/5 NM

Q. 1. 850MB CNTR 10NM NE OF SFC CNTR

2. NEG RADAR PRESENTATION TO W

3. SPIRAL BANDS E SIDE

4. BRKN SC IN CNTR;

ZCZC WBC151

URNT12 KMIA 301755

AF972 1105 ELENA OB 03 KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/1735Z

B. 28 DEG 04 MIN N

86 DEG 46 MIN W

C. 850 MB 1229 M

D. 105 KTS

E. 090 DEG 45 NM

F. 180 DEG 72 KT

G. 090 DEG 15 NM

H. N/A

I. 16 C/1615 M

J. 24 C/1615M

K. 15 C/ N/A

L. NEGATIVE EYE

M. N/A

N. 28 DEG 04 MIN N

86 DEG 46 MIN W

30/1735Z

O. 1345/1

P. 5/5 NM

Q. 1. 850MB CNTR 10NM NE OF SFC CNTR

2. NEG RADAR PRESENTATION TO W

3. SPIRAL BANDS E SIDE

4. BRKN SC IN CNTR

ZCZC WBC164

URNT12 KMIA 302045

AF972 1145 ELENA 08 07 KMIA

DETAILED VORTEX DATA MESSAGE

A. 30/2030Z

B. 28 DEG 23 MIN N

86 DEG 33 MIN W

C. 850 MB 1230 M

D. 105 KTS

E. 180 DEG 45 NW

F. 270 DEG 68 KT

G. 180 DEG 30 NM

H. N/A

I. 19 C/1548 M

J. 21 C/1530 M

K. 15 C/ N/A

L. NEGATIVE EYE

M. N/A

N. 28 DEG 23 MIN N

86 DEG 33 MIN W

30/2030Z

O. 1345/08

P. 5/5 NM

Q. 1. SC FILLS CTR

2. MOST CLD TOPS 5000' ON S LEG
WITH LAYER AC 120 AND CS ABUF

NNNN

ZCZC WBC022

URNT12 KMIA 302155 COR

AF972 1105 ELENA OB 10 COR KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 30/2142Z

B. 28 DEG 23 MIN N

86 DEG 25 MIN W

C. 850 MB 1217 M

D. 100 KTS (CORRECTED ITEM)

E. 360 DEG 60 NM (CORRECTED ITEM)

F. 050 DEG 71 KT (CORRECTED ITEM)

G. 320 DEG 50 NM (CORRECTED ITEM)

H. 28 DEG 23 MIN N

86 DEG 25 MIN W

30/2142Z

I. 1345/08

J. 5 NM / 5 NM;

ZCZC WBC010

URNT12 KMIA 302155

AF972 1105 ELENA OB 10 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 30/2142Z

B. 28 DEG 23 MIN N

86 DEG 25 MIN W

C. 850 MB 1217 M

D. 80 KTS

E. 270 DEG 60 NM

F. 360 DEG 54 KT

G. 270 DEG 30 NM

H. 28 DEG 23 MIN N

86 DEG 25 MIN W

30/2142Z

O. 1345/08

P. 5 NM / 5 NM;

NNNN

ZCZC WBC186

URNT12 KNIA 302343

RF972 1105 ELENA OB 13 KNIA

DETAILED VORTEX DATA MESSAGE

A. 30/2301Z

B. 28 DEG 26 MIN W

86 DEG 16 MIN W

C. 850 MB 1217 M

D. 105 KTS

E. 360 DEG 45 NM

F. 060 DEG 58 KT

G. 360 DEG 15 NM

H. 977 MB DROPSONDE

I. 20 C / 1515 M

J. 21 C / 1533 M

K. 15 C / N/A

P. NEG EYE

M. N/A

N. 28 DEG 26 MIN W

86 DEG 16 MIN W

30/2301Z

O. 1345/08

P. 5/5 NM

Q. NONE;

ZCZC WBC204

URNT12 KNIA 310037

AF972 1105 ELENA OB 16 KNIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/0018Z

B. 28 DEG 23 MIN N

86 DEG 02 MIN W

C. 700 MB 2890 M

D. 80 KTS

E. 180 DEG 60 NM

F. 360 DEG 62 KT

G. 270 DEG 60 NM

H. 28 DEG 23 MIN N

86 DEG 02 MIN W

31/0018Z

O. 134/7

P. 5 NM / 5 NM

NNNN

ZCZC WBC237

URNT12 KNIA 310207

NDAA3 1205 ELENA OB 04 KNIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/0135Z

B. 28 DEG 26 MIN N

85 DEG 44 MIN W

C. 850 MB 1225 M

D. N/A

E. N/A

F. 225 DEG 90 KT

G. 125 DEG 30 NM

H. 977 MB EXTRAPOLATED

O. SLP PRESSURE EXTRAPOLATED FROM 5000 FT

OPEN W SIDE

HUY RAIN E SIDE

SECOND WND MAX 120 DEG 84 KT LOCATED 020 DEG AT 24 NM

ZCZC WBC258

URNT12 KMIA 310404

NOAA3 1205 ELENA OB 07 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/0257Z

B. 28 DEG 32 MIN N

85 DEG 38 MIN W

C. 850 MB 123 M

D. N/A

E. N/A

F. 210 DEG 86 KT

G. 110 DEG 35 NM

H. 978 MB EXTRAPOLATED

I. 18 C / 1650 M

J. 23 C / 1710 M

K. 15 C / 27.0 C

L. POORLY DEFINED

M. N/A

N. 28 DEG 32 MIN N

85 DEG 38 MIN W

31/0257Z

O. 1345/8

P. 4/4 NN

Q. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

STRONG RAINBAND NE OF CENTER

BROAD AREA OF MODERATE RAIN EAST OF CENTER;

NNNN

ZCZC WRC265

URNT12 KNIA 310519

NDRA3 1205 ELENA OB 11 KNIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/0418

B. 28 DEG 35 MIN N

85 DEG 28 MIN W

C. 850 MB 1224 M

D. N/A

E. N/A

F. 185 DEG 86 KT

G. 095 DEG 40 NM

H. 977 MB EXTRAPOLATED

I. SLP EXTRAPOLATED FROM 5000 FT

SW SIDE OPEN

SECOND MAX WND BAND OF 010 DEG 80 KTS

AT 270 DEG 35 NM FROM CENTER;

NNNN

NNNN

ZCZC WBC275

URNT12 KMIA 310700

NDARR3 1205 ELENA OB 15 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/0557

B. 28 DEG 37 MIN N

85 DEG 16 MIN W

C. 050 NB 1222 M

D. N/A

E. N/A

F. 145 DEG 82 KT

G. 060 DEG 80 NM

H. 976 NB EXTRAPOLATED

I. 18 C / 1630 M

J. 21 C / 1740 M

K. 16 C / 26.0 C

L. CLOSED

M. 040

N. 28 DEG 37 MIN N

85 DEG 16 MIN W

31/0557Z

O. 1234/8

P. 6/5 NM

Q. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

EYE BECOMING BETTER DEFINED ON WEST SIDE

MOST TURB 70 NM ENE OF CENTER;

NNNN

ZCZC WRC291

URNT12 KMIA 310804

NDARR3 1205 ELENA 08.19 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/0718Z

B. 28 DEG 44 MIN W

85 DEG 11 MIN W

C. 850 MB 1217 M

D. N/A

E. N/A

F. 080 DEG 95 KT

G. 020 DEG 40 NM

H. 976 MB EXTRAPOLATED

I. SLP EXTRAPOLATED FROM 5000 FT

NOT TURB W/ OF CENTER NEAR LANDS

NNNN

ZCZC WBC304

URNT12 KMIA 310842

NOAA3 1205 ELENA OB 23 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/0835Z

B. 28 DEG 41 MIN N

85 DEG 06 MIN W

C. 850 MB 1206 M

D. N/A

E. N/A

F. 240 DEG 92 KT

G. 160 DEG 30 NM

H. 975 MB EXTRAPOLATED

I. 17 C / 1578 M

J. 21 C / 1745 M

K. 17 C / 27.0 C

L. POORLY DEFINED

M. NOT OBSERVED

N. 28 DEG 41 MIN N

85 DEG 06 MIN W

31/0835Z

O. 124/8

P. 6/5 NW

Q. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

SECOND WIND MAX OF 200 DEG 84 KTS

AT 110 DEG 30 NM FROM CENTER

NNNN

ZCZC WRC322

URNT12 KMIA 311141

NDARR2 1305 ELENA DB 03 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/1027Z

B. 28 DEG 41 MIN N

84 DEG 43 MIN W

C. 850 MB 1207 M

D. N/A

E. N/A

F. 120 DEG 30 KT

G. 220 DEG 95 NM

H. 975 MB EXTRAPOLATED

I. 19 C / 1526 M

J. 20 C / 1526 M

K. 20 C / N/A C

L. CLOSED WALL

M. 040

N. 28 DEG 41 MIN N

84 DEG 43 MIN W

31/1027Z

O. 1234/8

P. 3/3 NM

Q. SLP PRESSURE EXTRAPOLATED FROM 5000 FTG

NNNN

ZCZC WBC333

URNT12 KNIA 311151

NOAA2 1305 ELENA 08 06 KNIA

DETAILED VORTEX DATA MESSAGE

A. 31/1128Z

B. 28 DEG 44 MIN N

84 DEG 30 MIN W

C. 850 MB 1203 M

D. 75 KT

E. 270 DEG 35 NM

F. 360 DEG 73 KT

G. 270 DEG 28 NM

H. 974 MB EXTRAPOLATED

I. 20 C / 1522 M

J. 20 C / 1522 M

K. 19 C / N/A C

L. CLOSED WALL

M. 035

N. 28 DEG 44 MIN N

84 DEG 30 MIN W

31/1128Z

O. 1234/8

P. 3/3 NM

Q. SLP PRESSURE EXTRAPOLATED FROM 5000 FT;

NNNN

ZCZC WBC366

URNT12 KMIA 311320 COR

NOAR2 1305 ELENA 08 09 COR KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/1254Z

B. 28 DEG 48 MIN N

84 DEG 22 MIN W

C. 850 MB 1213 M

D. 75 KT

E. 125 DEG 75 NM

F. 190 DEG 97 KT

G. 090 DEG 31 NM

H. 975 MB EXTRAPOLATED

I. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

NNNN

ZCZC WBC364

URNT12 KMIA 311320

NDAA2 1305 ELENA OB 09 KMIA

A. 31/1254Z

B. 28 DEG 48 MIN N

84 DEG 22 MIN W

C. 850 MB 1213 M

D. 75 KT

E. 125 DEG 75 NM

F. 190 DEG 97 KT

G. 090 DEG 31 NM

H. 975 MB EXTRAPOLATED

I. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

NNNN

ZCZC WBC384

URNT12 KMIA 311450

NOAA2 1305 ELENA OB 12 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/1413Z

B. 28 DEG 47 MIN N

84 DEG 15 MIN W

C. 850 MB 1219 M

D. 70 KT

E. 240 DEG 35 NM

F. 330 DEG 73 KT

G. 240 DEG 35 NM

H. 976 MB EXTRAPOLATED

I. 20 C/ 1511 M

J. 23 C/ 1511 M

K. 15 C/ NA

L. CLOSED WALL

M. C30

N. 28 DEG 47 MIN N

84 DEG 15 MIN W

O. 1345/8

P. 3/3

Q. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

NNNN

ZCZC WBC388

URNT12 KNIA 311520

NOAA2 1305 ELENA OB 13 KNIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/1450Z

B. 28 DEG 49 MIN N

84 DEG 09 MIN W

C. 974 MB 1210 M

D. NA

E. NA

F. 090 DEG 75 KT

G. 350 DEG 35 NM

H. 974 MB EXTRAPOLATED

I. SFC PRESS EXT FROM 5000 FT

MAX FL WINDS 89 KTS 090 DEG 20NM FROM CENTER;

NNNN

NNNN

ZCZC WBC404

URNT12 KMIA 311656

NOAA2 1305 ELENA OB 17 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 31/1630Z

B. 28 DEG 45 MIN N

84 DEG 06 MIN W

C. 974 MB 1213 M

D. 65 KT

E. 150 DEG 40 NM

F. 220 DEG 70 KT

G. 120 DEG 28 NM

H. 975 MB EXTRAPOLATED

I. SLP EXT FROM 5000 FT

NNNN

ZCZC WBC417

URNT12 KMIA 311755

NOAA2 1305 ELENA OB 19 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/1727Z

B. 28 DEG 47 MIN N

83 DEG 58 MIN W

C. 850 MB 1209 M

D. 80 KT

E. 270 DEG 35 NM

F. 350 DEG 83 KT

G. 270 DEG 35 NM

H. 975 MB EXTRAPOLATED

I. 20 C/ 1510 M

J. 24 C/ 1510 M

K. 14 C/ NA

L. CLOSED WALL

M. C40

N. 28 DEG 47 MIN N

83 DEG 58 MIN W

31/1727Z

O. 12345/8

P. 3/3

Q. SLP EXTRAPOLATED FROM 5000FT;

ZCZC MIA REPNT2

URNT12 KMIA 311942

NOARR3 1405 ELENA

0802

A 31/1927Z

B 28 DEG 45 MIN W

83 DEG 56 MIN W

C 850 MB 1204 M

D N/A KT

E N/A DEG N/A NM

F 183 DEG 80 KT

G 090 DEG 30 NM

H N/A MB

I 19 C/ 1654 M

J 21 C/ 1741 M

K 17 C/ 28 C

L OPEN SW

M C 25

N 28 DEG 45 MIN W

83 DEG 56 MIN W

1927Z

O 1,3,4/8

P 10 / 10

Q SURFACE PRES 973MB

NNNN

NNNN

ZCZC WBC454

URNT12 KMIA 312141

NOAA3 1405 ELENA 08 05 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/2109Z

B. 28 DEG 50 MIN N

83 DEG 53 MIN W

C. 850 MB 1198 M

D. 75 KT

E. 090 DEG 40 NM

F. 190 DEG 80 KT

G. 110 DEG 40 NM

H. 973 MB EXTRAPOLATED

I. 17 C/ 1664 M

J. 21 C/ 1739 M

K. 19 C/ 29 C

L. CLOSED WALL

N. C25

N. 28 DEG 50 MIN N

83 DEG 53 MIN W

31/2109Z

O. 134/8

P. 10/10

Q. SFC PRESS EXT FROM 5000 FT;

NHNN

ZCZC WBC467

URNT12 KMIA 312316

NOAA3 1405 ELENA OB 09 KMIA

DETAILED VORTEX DATA MESSAGE

A. 31/2242Z

B. 28 DEG 50 MIN N

83 DEG 48 MIN W

C. 850 MB 1186 M

D. N/A

E. N/A

F. 007 DEG 86 KT

G. 260 DEG 30 NM

H. 971 MB EXTRAPOLATED

I. 19 C/ 1647 M

J. 23 C/ 1748 M

K. 17 C/ 28 C

L. OPEN SSE

M. 025

N. 28 DEG 50 MIN N

83 DEG 48 MIN W

31/2242Z

O. 134/8

P. 10/10

Q. SFC PRESS EXT FROM 5000 FT;

ZCZC WBC505

URNT12 KMIA 010116

NOAA3 1405 ELENA DB 12 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0011Z

B. 28 DEG 47 MIN N

83 DEG 46 MIN W

C. 850 MB 1173 M

D. N/A

E. N/A

F. 181 DEG 40 KT

G. 090 DEG 20 NM

H. 971 MB EXTRAPOLATED

I. 18 C/ 1747 M

J. 21 C/ 1763 M

K. 18 C/ 28 C

L. OPEN W

M. 025

N. 28 DEG 47 MIN N

83 DEG 46 MIN W

01/0011Z

O. 134/8

P. 10/10

Q. SFC PRESS EXT FROM 5000 FT;

NNNN

ZCZC WBC518

URNT12 KMIA 010200

NOAA3 1405 ELENA OB 15 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0134Z

B. 28 DEG 46 MIN N

83 DEG 49 MIN W

C. 850 MB 1161 M

D. N/A

E. N/A

F. 097 DEG 80 KT

G. 020 DEG 30 NM

H. 969 MB EXTRAPOLATED

I. 18 C/ 1685 M

J. 20 C/ 1777 M

K. 18 C/ 28 C

L. CLOSED WALL

M. C20

N. 28 DEG 46 MIN N

83 DEG 49 MIN W

01/0134Z

O. 134/8

P. 10/10

Q. SFC PRESS EXT FROM 5000 FT;

NNNN

ZCZC WBC531

URNT12 KMIA 010413

NDRA3 1405 ELENA OB 17 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0300Z

B. 28 DEG 43 MIN N

83 DEG 51 MIN W

C. 850 MB 1142 M

D. N/A

E. N/A

F. 360 DEG 74 KT

G. 220 DEG 30 NM

H. 966 MB EXTRAPOLATED

I. 19 C/ 1665 M

J. 24 C/ 1785 M

K. 18 C/ 28.0 C

L. CLOSED WALL

M. 020

N. 28 DEG 43 MIN N

83 DEG 51 MIN W

01/0300Z

O. 135/8

P. 10/10

Q. SFC PRESS EXTRAPOLATED FROM 5000 FT

NNNN

ZCZC WBC542

URNT12 KMIA 010528

NOAA2 1505 ELENA DB 04 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0444Z

B. 28 DEG 36 MIN N

83 DEG 57 MIN W

C. 850 MB 1138 M

D. N/A

E. N/A

F. 260 DEG 82 KT

G. 180 DEG 24 NM

H. 966 MB EXTRAPOLATED

I. 17 C/ 1570 M

J. 23 C/ 1805 M

K. 16 C/ 26.0 C

L. CLOSED WALL

M. C35

N. 28 DEG 36 MIN N

83 DEG 57 MIN W

01/0444Z

O. 12345/8

P. 4/4

Q. SFC PRESS EXTRAPOLATED FROM 5000 FT

LARGE RAINBAND 10NM OFFSHORE OF TARPON SPRINGS

SECOND WND MAX OF 085 DEG 82 KTS AT 360 DEG

25 NM FROM CENTER

NNNN

NNNN

ZCZC WBC566

URNT12 KMIA 010637

NOAA2 1505 ELENA DB 07 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0554Z

B. 28 DEG 39 MIN N

83 DEG 59 MIN W

C. 850 MB 1131 M

D. N/A

E. N/A

F. 360 DEG 84 KT

G. 260 DEG 25 NM

H. 965 MB EXTRAPOLATED

I. 17 C/ 1580 M

J. 23 C/ 1807 M

K. 16 C/ 25.0 C

L. OPEN NW

M. E12/40/30

N. 28 DEG 39 MIN N

83 DEG 59 MIN W

01/0554Z

O. 12345/8

P. 4 / 4 NM

Q. SFC PRESS EXTRAPOLATED FROM 5000 FT

NNNN

ZCZC WBC569

URNT12 KNIA 010719

NOAA2 1505 ELENA DB 10 KNIA

ABBREVIATED VORTEX DATA MESSAGE

A. 01/0643Z

B. 28 DEG 33 MIN N

83 DEG 57 MIN W

C. 850 MB 1125 M

D. N/A

E. N/A

F. 075 DEG 93 KT

G. 340 DEG 24 NM

H. 965 MB EXTRAPOLATED

I. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

SECOND WND MAX OF 125 DEG 82 KTS AT

050 DEG 45 NM FROM CENTER

MOST RAINBANDS IN NE QUADRANT;

NNNN

ZCZC WBC583

URNT12 KMIA 010851

NOAA2 1505 ELENA DB 13 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0756Z

B. 28 DEG 32 MIN N

84 DEG 01 MIN W

C. 850 MB 1105 M

D. N/A

E. N/A

F. 275 DEG 88 KT

G. 080 DEG 25 NM

H. 964 MB EXTRAPOLATED

I. 17 C/ 1580 M

J. 21 C/ 1850 M

K. 16 C/ 24.0 C

L. CLOSED WALL

M. E05/35/25

N. 28 DEG 32 MIN N

84 DEG 01 MIN W

01/0756Z

O. 12345/8

P. 5 / 5 NM

Q. SFC PRESS EXTRAPOLATED FROM 5000 FT

SEVERAL MODERATE RAINBANDS EAST OF CENTER;

NNNN

ZCZC WBC596

URNT12 KMIA 011013

NORR2 1505 ELENA OB 17 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/0908Z

B. 28 DEG 34 MIN N

84 DEG 06 MIN W

C. 850 MB 1092 M

D. N/A

E. N/A

F. 090 DEG 95 KT

G. 360 DEG 30 NM

H. 963 MB EXTRAPOLATED

I. 17 C/ 1600 M

J. 22 C/ 1845 M

K. 16 C/ 23.0 C

L. CLOSED WALL

M. C35

N. 28 DEG 34 MIN N

84 DEG 06 MIN W

01/0908Z

O. 12345/8

P. 5 / 4 NM

Q. SFC PRESS EXTRAPOLATED FROM 5000 FT

SECOND WND MAX OF 265 DEG 87 KTS AT 180 DEG

20 NM FROM CENTER

STRONG RAINBAND OUTSIDE EYE ON SE SIDE

NNNN

ZCZC WBC604

URNT12 KNIA 011055

NOAA2 1505 ELENA OB 20 KNIA

ABBREVIATED VORTEX DATA MESSAGE

A. 01/1022Z

B. 28 DEG 37 MIN W

84 DEG 05 MIN W

C. 850 MB 1092 M

D. N/A

E. N/A

F. 175 DEG 99 KT

G. 095 DEG 15 NW

H. 962 MB EXTRAPOLATED

I. SFC PRESSURE EXTRAPOLATED FROM 5000 FT

SECOND MAX WND OF 345 DEG 88 KTS AT

265 DEG 15 NW

LITTLE APPARENT INE DRIFT, STRONG OMEGA SIGNALS

ZCZC WBC625

URNT12 KMIA 011212

NOAA2 1505 ELENA DB 23 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/1120Z

B. 28 DEG 37 MIN N

84 DEG 05 MIN W

C. 850 MB 1091 M

D. N/A

E. N/A

F. 090 DEG 98 KT

G. 360 DEG 20 NM

H. 962 MB EXTRAPOLATED

I. 17 C/ 1595 M

J. 21 C/ 1850 M

K. 17 C/ 26 C

L. CLOSED WALL

M. C25

N. 28 DEG 37 MIN N

84 DEG 05 MIN W

01/1120Z

O. 12345/08

P. 4/5 NM

Q. SFC PRESS EXT FROM 850MB

SECOND WND MAX 265 DEG 92 KTS AT

180/15 NM FROM CENTER

WELL DEFINED RADAR EYE:

NNNN

ZCZC WBC660

URNT12 KMIA 011340

NOARR3 1605 ELENA OB 03 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/1313Z

B. 28 DEG 40 MIN N

84 DEG 10 MIN W

C. 850 MB 1063 M

D. 80 KT

E. 120 DEG 25 NM

F. 210 DEG 97 KT

G. 120 DEG 25 NM

H. 960 MB EXTRAPOLATED

I. 20 C/ 1530 M

J. 23 C/ 1530 M

K. 18 C/ NA

L. CLOSED WALL

M. C35

N. 28 DEG 40 MIN N

84 DEG 10 MIN W

01/1313Z

O. 134/8

P. 3/7 NM

Q. SLP EXT FROM 5000 FT

NAV COR 0:00

NNNN

ZCZC WBC157

URNT12 KMIA 011517

NOAA3 1605 ELENA OB 06 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/1448Z

B. 28 DEG 41 MIN N

84 DEG 15 MIN W

C. 850 MB 1055 M

D. 90 KT

E. 330 DEG 25 NM

F. 060 DEG 104 KT

G. 330 DEG 25 NM

H. 958 MB EXTRAPOLATED

I. 20 C/ 1518 M

J. 24 C/ 1055 M

K. 18 C/ NA

L. OPEN NW

M. C35

N. 28 DEG 41 MIN N

84 DEG 15 MIN W

01/1448Z

O. 134/8

P. 5/7 NM

Q. SLP EXT. FROM 5000 FT

NAV COR 0.0%

NNNN

ZCZC WBC179

URNT12 KMIA 011609

NOAA3 1605 ELENA OB 08 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 01/1549Z

B. 28 DEG 45 MIN N

84 DEG 26 MIN W

C. 850 MB 1053 M

D. 90 KT

E. 360 DEG 25 NM

F. 090 DEG 112 KT

G. 360 DEG 20 NM

H. 957 MB EXTRAPOLATED

I. SLP EXT FROM 5000 FT

PRESS AND WND CENTER ON WEST SIDE OF EYE

NAV COR 0,0;

NNNN

NNNN

ZCZC WBC700

URNT12 KNIA 011744

NORR3 1605 ELENA DB 11 KNIA

DETAILED VORTEX DATA MESSAGE

A. 01/1713Z

B. 28 DEG 49 MIN N

84 DEG 35 MIN W

C. 850 MB 1040 H

D. 90 KT

E. 090 DEG 15 NM

F. 180 DEG 103 KT

G. 090 DEG 12 NM

H. 956 MB EXTRAPOLATED

I. 20 C/ 1509 M

J. 24 C/ 1509 M

K. 18 C/ NA

L. CLOSED WALL

M. C35

N. 28 DEG 49 MIN N

84 DEG 35 MIN W

01/1713Z

O. 1234/8

P. 5/5 NM

Q. SLP EXT FROM 5000 FT

CENTER FIX WAS ADJUSTED 2MI N 3MI E FOR NAV ERROR

NNNN

ZCZC WBC711

URNT12 KMIA 011912

NOAA3 1605 ELENA OB 13 KMIA

ABBREVIATED VORTEX DATA MESSAGE

A. 01/1837Z

B. 28 DEG 58 MIN N

84 DEG 53 MIN W

C. 850 MB 1014 M

D. 60 KT

E. 180 DEG 35 NM

F. 090 DEG 121 KT

G. 360 DEG 23 NM

H. 954 MB EXTRAPOLATED

I. SLP EXTRAPOLATED FROM 5000FT

ADJUSTED FIX 5N 3E FOR NAV ERROR

NNNN

ZCZC WBC721

URNT12 KMIA 012000

NDAA3 1605 ELENA OB 15

ABBREVIATED VORTEX DATA MESSAGE

A. 01/1939Z

B. 29 DEG 05 MIN N

85 DEG 02 MIN W

C. 850 MB 1000 M

D. 95 KT

E. 270 DEG 20 NM

F. 350 DEG 115 KT

G. 270 DEG 18 NM

H. 951 MB EXTRAPOLATED

I. SLP EXTRAPOLATED FROM 5000FT

CENTER ADJUSTED 8 MI N AND 3 MI E FOR NAV ERROR;

NNNN

ZCZC WBC732

LRNT12 KMIA 012058

NDARR3 1605 ELENA OB 18 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/2027Z

B. 29 DEG 08 MIN N

85 DEG 05 MIN W

C. 850 MB 1000 H

D. 80 KT

E. 60 DEG 35 NM

F. 130 DEG 120 KT

G. 060 DEG 11 NM

H. 952 MB EXTRAPOLATED

I. 20 C/ 1508 H

J. 23 C/ 1508 H

K. 19 C/ NA

L. CLOSED WALL

M. 025

N. 29 DEG 08 MIN N

85 DEG 05 MIN W

01/2027Z

O. 1234/8

P. 5/5 NM

Q. SLP EXT FROM 5000 FT

CENTER FIX WAS ADJUSTED 10MI N 7MI E FOR NAV ERROR!

NNNN

ZCZC WBC749

URNT12 KMIA 012339

AF964 1705 ELENA OB 03 KMIA

DETAILED VORTEX DATA MESSAGE

A. 01/2300Z

B. 29 DEG 22 MIN N

85 DEG 38 MIN W

C. 700 MB 2685 M

D. 35 KT

E. 270 DEG 105 NM

F. 300 DEG 066 KT

G. 270 DEG 015 NM

H. 953 MB DROPSONDE

I. 14 C/ 3014 M

J. 17 C/ 3029 M

K. 17 C/ NA

L. CLOSED WALL

M. C20

N. 29 DEG 22 MIN N

85 DEG 38 MIN W

01/2300Z

O. 1245/07

P. 5/1 NM

Q. SFC TEMP FROM DROPSONDE POSITIVE 25C

NNNN

ZCZC WBC790

URNT12 KNIA 020040 COR

AF964 1705 ELENA DB 06 COR KNIA

DETAILED VORTEX DATA MESSAGE

A. 02/0000Z

B. 29 DEG 26 MIN N

85 DEG 57 MIN W

C. N/A (ITEM CORRECTED)

D. N/A

E. N/A

F. 210 DEG 090 KT

G. 180 DEG 015 NN

H. N/A

I. 17 C/ 3033 M

J. 17 C/ 3011 M

K. 17 C/ N/A

L. CLOSED

M. 015

N. 29 DEG 26 MIN N

85 DEG 57 MIN W

02/0000Z

O. 1245/07

P. NONE

NNNN

ZCZC WBC818

URNT12 KMIA 020040 COR 02

AF964 1705 ELENA OB 06 COR 02 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0000Z

B. 29 DEG 26 MIN N

85 DEG 57 MIN W

C. 700 MB 2732 M (ITEM CORRECTED)

D. N/A

E. N/A

F. 210 DEG 090 KT

G. 180 DEG 015 NM

H. 958 MB DROPSONDE (ITEM CORRECTED)

I. 17 C/ 3033 M

J. 17 C/ 3011 M

K. 17 C/ N/A

L. CLOSED

M. C15

N. 29 DEG 26 MIN N

85 DEG 57 MIN W

02/0000Z

O. 1245/07

Q. NONE

NNNN

ZCZC WBC760

URNT12 KMIA 020040

AF964 1705 ELENA OB 06 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0000Z

B. 29 DEG 26 MIN W

85 DEG 57 MIN W

C. 700 MB 2806 M

D. N/A

E. N/A

F. 210 DEG 090 KT

G. 180 DEG 015 NM

H. N/A

I. 17 C/ 3033 M

J. 17 C/ 3011 M

K. 17 C/ N/A

L. CLOSED

M. C15

N. 29 DEG 26 MIN W

85 DEG 57 MIN W

02/0000Z

O. 1245/07

Q. NONE

NNNN

ZCZC WBC797

URNT12 KMIA 020216

AF964 1705 ELENA OB 09 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0120Z

B. 29 DEG 22 MIN N

86 DEG 03 MIN W

C. 700 MB 2710 M

D. N/A

E. N/A

F. 360 DEG 073 KT

G. 270 DEG 045 NM

H. 956MB DROPSONDE

I. 16 C/ 3030 M

J. 17 C/ 3043 M

K. 17 C/ N/A

L. CLOSED

M. 010

N. 29 DEG 22 MIN N

86 DEG 03 MIN W

02/0120Z

O. 12345/7

P. NONE

NNNN

ZCZC WBC824

URNT12 KMIA 020408

NOARR3 1805 ELENA OB 03 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0145Z

B. 29 DEG 25 MIN N

86 DEG 18 MIN W

C. 850 MB 1026 M

D. N/A

E. N/A

F. 082 DEG 126 KT

G. 360 DEG 010 NM

H. 954MB EXTRAPOLATED

I. 19 C/ 1752 M

J. 22 C/ 1894 M

K. 17 C/ N/A

L. CLOSED WALL

M. C15

N. 29 DEG 25 MIN N

86 DEG 18 MIN W

02/0145Z

O. 1234/8

P. 10 / 10 NM

Q. SLP EXTRAPOLATED FROM 5000 FT;

ZCZC WBC828

URNT12 KMIA 020418

NOAA3 1805 ELENA OB 06 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0306Z

B. 29 DEG 23 MIN N

86 DEG 32 MIN W

C. 850 MB 1035 M

D. N/A

E. N/A

F. 150 DEG 112 KT

G. 060 DEG 020 NM

H. 955MB EXTRAPOLATED

I. 19 C/ 1870 M

J. 21 C/ 1909 M

K. 18 C/ N/A

L. CLOSED WALL

M. C15

N. 29 DEG 23 MIN N

86 DEG 32 MIN W

02/0306Z

O. 1234/8

P. 5 / 5 NM

Q. SLP EXTRAPOLATED FROM 5000 FT;

NNNN

ZCZC WBC832

URNT12 KMIA 020459

NDARR3 1805 ELENA OB 09 KMIA
DETAILED VORTEX DATA MESSAGE

A. 02/0424Z

B. 29 DEG 35 MIN N

86 DEG 54 MIN W

C. 850 MB 1051 M

D. N/A

E. N/A

F. 090 DEG 122 KT

G. 360 DEG 020 NM

H. 956MB EXTRAPOLATED

I. 19 C/ 1784 M

J. 20 C/ 1893 M

K. 18 C/ 27.0 C

L. CLOSED WALL

M. C18

N. 29 DEG 35 MIN N

86 DEG 54 MIN W

02/0424Z

O. 1234/8

P. 5 / 5 NM

Q. SLP EXTRAPOLATED FROM 5000 FT;

NNNN

ZCZC WBC0847

URNT12 KMIA 020636

NDA03 1805 ELENA OB 12 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0601Z

B. 29 DEG 41 MIN N

87 DEG 21 MIN W

C. 850 MB 1051 M

D. N/A

E. N/A

F. 010 DEG 110 KT

G. 030 DEG 014 NM

H. 957MB EXTRAPOLATED

I. 19 C/ 1725 M

J. 21 C/ 1863 M

K. 17 C/ 26.0 C

L. CLOSED WALL

M. C20

N. 29 DEG 41 MIN N

87 DEG 21 MIN W

02/0601Z

O. 1234/8

P. 5 / 5 NM

Q. SLP EXTRAPOLATED FROM 5000 FTG

NNNN

ZCZC WBC862

URNT12 KMIA 020830

NDARR3 1805 ELENA OB 16 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0742Z

B. 29 DEG 58 MIN N

87 DEG 36 MIN W

C. 850 HB 1051 M

D. N/A

E. N/A

F. 270 DEG 110 KT

G. 180 DEG 011 NM

H. 957MB EXTRAPOLATED

I. 17 C/ 1722 M

J. 20 C/ 1051 M

K. 18 C/ 26.0 C

L. CLOSED WALL

M. C18

N. 29 DEG 58 MIN N

87 DEG 36 MIN W

02/0742Z

O. 1234/8

P. 10 / 10 NM

Q. SLP EXTRAPOLATED FROM 5000 FT;

ZCZC WBC867

URNT12 KMIA 020919

NOAA3 1805 ELENA OB 18 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/0826Z

B. 29 DEG 53 MIN N

88 DEG 00 MIN W

C. 700 MB 2723 M

D. N/A

E. N/A

F. 160 DEG 120 KT

G. 080 DEG 018 NM

H. N/A

I. 11 C/ 3056 M

J. 16 C/ 3276 M

K. 08 C/ N/A

L. CLOSED WALL

M. C18

N. 29 DEG 53 MIN N

88 DEG 00 MIN W

02/0826Z

O. 1234/7

P. 10 / 10 NM

Q. SLP 953MB ESTIMATED FROM 10000 FT#

John

ZCZC WBC890

URNT12 KMIA 021140

NOAA2 1905 ELENA 08 04 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/1109Z

B. 30 DEG 12 MIN N

88 DEG 38 MIN W

C. 700 MB 2763 M

D. N/A

E. N/A

F. 180 DEG 102 KT

G. 110 DEG 10 NN

H. 957 MB EXTRAPOLATED

I. 09 C/ 3000 M

J. 16 C/ 3240 M

K. 09 C/ N/A

L. CLOSED WALL

M. C20

N. 30 DEG 12 MIN N

88 DEG 38 MIN W

02/1109Z

O. 12345/7

P. 3/3

Q. SLP 953MB EXTRAPOLATED FROM 10000 FT

N EDGE OF EYE OVER LAND; WELL DEFINED EYE; WEAKER WIND WEST EYE WALL
COAST USBL IN EYE;

NNNN

ZCZC WBC904

URWT12 KNIA 021232

NOAA2 1905 ELENA 08 07 KNIA

DETAILED VORTEX DATA MESSAGE

A. 02/1201Z

B. 30 DEG 14 MIN N

88 DEG 50 MIN W

C. 700 MB 2796 M

D. N/A

E. N/A

F. 180 DEG 102 KT

G. 110 DEG 12/MM

H. 959 MB EXTRAPOLATED

I. 09 C/ 2985 M

J. 16 C/ 3220 M

K. 09 C/ N/A

L. CLOSED WALL

M. C20

N. 30 DEG 14 MIN N

88 DEG 50 MIN W

02/1201Z

O. 12345/7

P. 2/4

Q. SLP 959MB EXTRAPOLATED FROM 10000 FT

COAST USBLE INSIDE EYE CLR OUND MOST STRONG RAINBANDS EAST SIDE

ASDL PSN 2MI TOO FAR N 1MI TOO FAR WEST!

NNNN

NNNN

ZCZC WBC927

URNT12 KNIA 021328

NOAA2 1905 ELENA OB 10 KNIA

DETAILED VORTEX DATA MESSAGE

A. 02/1307Z

B. 30 DEG 22 MIN N

89 DEG 10 MIN W

C. NA

D. N/A

E. N/A

F. 195 DEG 75 KT

G. 150 DEG 12 NM

H. 959 NR EXTRAPOLATED

I. NA

J. NA

K. NA

L. CLOSED WALL

M. 015

N. 30 DEG 22 MIN N

89 DEG 10 MIN W

02/1307Z

O. NA

P. NA

Q. RADAR FIX

FIX ACCURACY APPROX 10MI:

NNNN

ZCZC WBC938

URNT12 KMIA 021417

NOAA2 1905 ELENA OB 12 KMIA

DETAILED VORTEX DATA MESSAGE

A. 02/1345Z

B. 30 DEG 30 MIN N

89 DEG 18 MIN W

C. NA

D. N/A

E. N/A

F. 215 DEG 65 KT

G. 150 DEG 25 NM

H. NA

I. NA

J. NA

K. NA

L. CLOSED WALL

N. C15

N. 30 DEG 30 MIN N

89 DEG 18 MIN W

02/1345Z

O. NA

P. NA

Q. RADAR FIX

MOST OF EYE OVER LAND, STRONGEST RAIN BANDS SE SIDE

RECONNAISSANCE FIX LOG

CYCLONE NAME ELENA
 CYCLONE DATES 28 Aug -

ACFT	MISSION IDENT	OB #	DATE/TIME (GMT)	LAT °N	LON °W	MAX WIND		MIN SLP (MB)	STD. SFC HT. (M)	MAX TEMP		DEW PT. °C	EYE SHAPE	EYE CHAR.	ACFT. ALT.	ACCURACY NAV./MET. (N. MI.)
						SFC (KT)	FL (KT)			OUT °C	IN °C					
EXAMPLE AF980	0503 ALICIA	12	17/0902	2753	9401	65	75	986	1303	19	22	18	C20	CLSD	850MB	5/5
AF980	0705 ELENA	09	29/0528	2357	8315			1002		24	24	23		Poorly Defined	1500'	5/6
AF980	0705 ELENA	12	29/0740	2418	8352		44	998								
AF980	0705 ELENA	14	29/0804	2423	8356		28	998		24	25	24	—	Poorly defined	1500'	5/5
NOAA 3	0805 ELENA	LI	29/1207	2457'	8458'	50	58	994		24	26	26	C35	CLOSED WALL	1500'	5/5
"	"	INT	29/1314Z	25.1	85.1		66	994						open north		
"	"		29/1428Z	25°24'	85°20'	60	53	995	1389	19	20	19	C35	open NW	850MB	5/5
"	"	INT	29/1532Z	25°31'	85°33'		60	995								
"	"	INT	29/1647Z	25.8	85.8		80	992								
"	"	17	29/1752Z	25.1	85°51'	75	72	990	1347	18	21	18	C30	open SE	850MB	5/5
NOAAZ	0905 ELENA	4	29/2047	26°15'	86°30'	75	72	987	1300	18	20	18	C15	CLOSED WALL	850MB	5/3
NOAAZ	0905 ELENA	7	29/2159	26°21'	86°34'	70		987								
NOAA 2	0905 ELENA	M	29/2258Z	26°25'	86°35'	70			1296							
NOAA 2	0905 ELENA	12	30/0014Z	26°35'	86°35'	75	77	985	1293	17	21	18	—	Ringing! REFINED	850MB	4/6
NOAA 2	0905 ELENA	18	30/0236	26°58'	87°01'		200/87	985	1297	17	21	20		POORLY DEFINED	850MB	6/4
NOAA 3	1005 ELENA	4	30/0544	27°17'	87°08'		180/83	980	1260	20	21	20		POORLY DEFINED	850MB	3/3
NOAA 3	1005 ELENA	8	30/0715	2728	8716		64	980	1258						850MB	5/10
NOAA 3	1005 ELENA	10	30/0824	27°35'	87°25'		64	980	1260	21	22	19		POORLY DEFINED	850MB	5/10

RECONNAISSANCE FIX LOG

27.9
86.7

#2

CYCLONE NAME
CYCLONE DATES

ELENA

ACFT	MISSION IDENT	OB #	DATE/TIME (GMT)	LAT °N	LON °W	MAX WIND		MIN SLP (MB)	STD. SFC HT. (M)	MAX TEMP		DEW PT. °C	EYE SHAPE	EYE CHAR.	ACFT. ALT.	ACCURACY NAV./MET. (N. MI.)
						SFC	FL			OUT °C	IN °C					
EXAMPLE AF980	0503 ALICIA	12	17/0902	2753	9401	65	75	986	1303	19	22	18	C20	CLSD	850MB	5/5
NOAA3	1005 ELENA	14	30/1012	2740	8726	-	97	EXT (973)	1210	-	-	-	-	-	850 MB	-
"	"	16	30/1119	27°50'	87°22'	-	89	974	1212	22	24	19	N/A	POORLY DEFINED	850MB	8/10
AF972	1105 ELENA	3	30/1235	2804	8646	102	180 72	EXT 978	1229	16	24	15	N/A	-	850MB	-
"	"		30/2002	28°12'	86°38'										850MB	
"	1105 ELENA	7	30/2030Z	28°23'	86°33'	105	69	EXT 978	1230	19	21	15	-	-	850MB	5/5
AF972	1105 ELENA	10	30/2142	28°23'	86°25'	100	71	EXT 978	1217						850MB	5/5
AF972	1105 ELENA	13	30/2301	28°21'	86°16'	105	58	977	1217	20	21	15	-	-	850MB	5/5
AF972	1105 ELENA	16	31/0018Z	28°23'	86°02'	80	366 62	EXT 977	2890						700MB	5/5
NOAA3	1205 ELENA	4	31/0135Z	28°26'	85°44'		225 90	EXT 977	1225						850MB	4/4
NOAA3	"	7	31/0257Z	28°32'	85°38'		210 86	EXT 978	1233	18	23	15	POORLY DEFINED	-	850MB	4/4
"	"	11	31/0418	2835	8528		86	EXT 977	1224						850 MB	
NOAA3 1205	1205 ELENA	15	31/0557	2837	8516		82	EXT 976	1222	18	21	16	C40		850MB	6/5
"	"	19	31/0718	2844	8511		95	976	1217						850MB	
NOAA3 1205	1205 ELENA	23	31/0835	2841	8506		92	975	1206	17	21	17	POORLY DEFINED		850MB	6/5
NOAA2	1305 ELENA	03	31/1027	2841	8443		95	975	1207	19	20	20	C40	CLOSED	850MB	3/3
"	"	06	31/1128	28°44'	84°30'	75	73	974		20	20	19			850	3/3
"	"	09	31/1254	28°48'	84°22'	75	97	975	1203							

#3

RECONNAISSANCE FIX LOG

CYCLONE NAME ELENA
 CYCLONE DATES _____

ACFT	MISSION IDENT	OB #	DATE/TIME (GMT)	LAT °N	LON °W	MAX WIND		MIN SLP (MB)	STD. SFC HT. (M)	MAX TEMP		DEW PT. °C	EYE SHAPE	EYE CHAR.	ACFT. ALT.	ACCURACY NAV./MET. (N. MI.)
						SFC	FL			OUT °C	IN °C					
EXAMPLE AF980	0503 ALICIA	12	17/0902	2753	9401	65	75	986	1303	19	22	18	C20	CLSD	850MB	5/5
NOAA 2	ELENA	12	31/1413	28°47'	84°15'	70	73	976	1219	20	23	15	C30	CLOSED	850MB	3/3
"	"	13	31/1450	28°49'	84°09'		75	974								
"	"	17	31/1630	28°45'	84°06'	65		975								
"	"		31/1727	28°47'	83°58'	80	83	975	1209	20	24	14	C40	CLOSED	850MB	3/3
NOAA 3	ELENA	2	31/1927	28°45'	83°56'		103/80	973	1204	19	21	17	C25	OPEN SW	850MB	10/10
NOAA 3	ELENA		31/2015	28°48'	83°52'	80		973								
NOAA 3	ELENA	5	31/2109	28°50'	83°53'	75	190/80	973	1198	17	21	19	C25	CLOSED	850MB	10/10
NOAA 3	ELENA		31/2202	28°48'	83°48'	72		973								
NOAA 3	ELENA	9	31/2242	28°50'	83°48'		007/86	971	1186	19	23	17	C25	OPEN SSE	850MB	10/10
NOAA 3	ELENA		31/2312	28°48'	83°44'		90									
NOAA 3	"	12	01/0017	28°47'	83°46'		181/40	971	1193	18	21	18	C25	OPEN W	850	10/10
NOAA 3	"	15	01/0134	28°46'	83°49'		097/82	969	1161	18	20	18	C20	CLOSED WALL	850	10/10
NOAA 3	"	18	01/0300	28°43'	83°51'		163/74	966	1142	19	24	18	C20	CLOSED WALL	850	10/10
NOAA 2	1505 ELENA	4	01/0444	28°36'	83°57'		82	EXT 966	1138	17	23	16	C35	CLOSED	850MB	4/4
NOAA 2	1505 ELENA	7	01/0554	28°39'	83°59'		84	EXT 965	1131	17	23	16	E12/40/30	OPEN NW	850MB	4/4
"	"	10	01/0643	28°33'	83°57'		93	EXT 965	1125							
"	"	13	01/0756	28°32'	84°01'		88	964	1105	17	21	16	E15/35/25	CLOSED	850MB	5/5

RECONNAISSANCE FIX LOG

CYCLONE NAME
CYCLONE DATES

ELENA

#4

ACFT	MISSION IDENT	OB #	DATE/TIME (GMT)	LAT °N	LON °W	MAX WIND		MIN SLP (MB)	STD. SFC HT. (M)	MAX TEMP		DEW PT. °C	EYE SHAPE	EYE CHAR.	ACFT. ALT.	ACCURACY NAV./MET. (N. MI.)
						SFC	FL			(KT)	OUT °C					
EXAMPLE AF980	0503 ALICIA	12	17/0902	2753	9401	65	75	986	1303	19	22	18	C20	CLSD	850MB	5/5
NDAAB 2	1505 ELENA	17	01/0908	28°34'	84°06'		95	963	1092	17	22	16	C35	CLOSED	850	5/4
"	"	20	01/1022	28°37'	84°05'		99	962	1092							
① "	"	23	01/1120	28°37'	84°05'		98	962	1091	17	21	17	C25	CLOSED	850	4/5
NDAAB 3	1605 ELENA	3	01/1313	28°40'	84°10'	80	97	960	1063	20	23	18	C35	CLOSED	850	3/7
"	1605 ELENA	6	01/1448	28°41'	84°15'	90	104	958	1055	20	24	18	C35	OTHER NW	850	5/7
"	"	8	01/1549	28°45'	84°26'	90	112	957								
"	"	11	01/1713	28°49'	84°35'	90	103	956	1040	20	24	18	C35	Closed	850	5/5
"	"	13	01/1837	28°58'	84°53'	60	121	954								
"	"	15	01/1939	29°05'	85°02'	95		951								
"	"	18	01/2027	29°08'	85°05'	80	120	952	1000	20	23	19	C25	cloud	850	5/5
AF 964	11705 ELENA	3	01/2300	29°22'	85°38'	35	270/166	953	2685	14	17	17	C20	Closed	700	5/1
"	"	6	02/0000	29°26'	85°57'		210/190						C15	CLOSED	700	5/1
AF 964	1705 ELENA	9	02/0120	29°22'	86°03'		360/173	956	2710	16	17	17	C10	Closed	700	5/1
NDAAB 3	ELENA	3	02/0145	29°25'	86°18'		082/126	954	1026	19	22	17	C15	CLOSED	850	10/10
① "	"	6	02/0306	29°23'	86°32'		146/112	955	1035	19	21	18	C15	Closed	850	5/5
NOAA 3	1805 ELENA	9	02/0424	29°35'	86°54'		122	956	1051	19	20	18	C18	CLOSED	850	5/5

#5

RECONNAISSANCE "FIX" LOG

CYCLONE NAME
CYCLONE DATES

"ELENA"

ACFT	MISSION IDENT	OB #	DATE/TIME (GMT)	LAT °N	LON °W	MAX WIND		MIN SLP (MB)	STD. SFC HT. (M)	MAX TEMP		DEW PT. °C	EYE SHAPE	EYE CHAR.	ACFT. ALT.	ACCURACY NAV./MET. (N. MI.)
						SFC	FL			(KT)	OUT °C					
EXAMPLE AF980	0503 ALICIA	12	17/0902	2753	9401	65	75	986	1303	19	22	18	C20	CLSD	850MB	5/5
NOAA-3	1805 ELENA	12	02/0601	2941	8721		110	957	1051	19	21	17	C20	CLSD	850MB	5/5
"	"	16	02/0742	2958	8736		110	XTRP 957	1051	17	20	18	C18	CLSD	850MB	10/10
NOAA 3	1805 ELENA	18	02/0826	2953	8800		120	EXT 957	(957) 2723	11	16	08	C18		700MB	10/10
NOAA-2	"	4	02/1109	30°12'	88°38'	-	102	957	2763	9	16	9	C20	CLOSED	700MB	3/3
"	1995 ELENA	7	02/1201	30°14'	88°50'		102	959	2796	9	16	9	C20	CLOSED	700MB	2/4
"	"	10	02/1307	30°22'	89°10'		75	-					C15	CLOSED		
"	"	12	02/1745	30°30'	89°18'		215/6						C15	"		