

NWS REQUEST FOR CHANGE FORM	1. WSH TRACKING NUMBER	1A. REV LEVEL	2. DATE RECEIVED
	ISCS 0176		September 6, 2018

PART A - COVER SHEET

This form is in three parts. Submitters must complete unshaded blocks in Part A, and as much of Part B and C as possible. If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).

3. ORIGINATOR OFFICE WSH	4. SUBMITTING AUTHORITY Name: Robert Gillespie Routing Code: W/DISS/DST Phone: 301-427-9693	5. COGNIZANT TECHNICAL INDIVIDUAL Name: Donald Fletcher Routing Code: W/DISS/DST Phone: 301-427-9680	6. ORIGINATOR TRACKING NUMBER NA	7. DATE SUBMITTED September 6, 2018
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8. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> ASOS <input type="checkbox"/> AWIPS <input type="checkbox"/> CSSA <input type="checkbox"/> CRS <input checked="" type="checkbox"/> DATA PRODUCTS <input checked="" type="checkbox"/> EMWIN <input type="checkbox"/> NEXRAD <input type="checkbox"/> RRS <input type="checkbox"/> OTHER (specify)	9. ORD IDENTIFIER
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10. TITLE OF CHANGE
Add Child Abduction Emergency (CAE) Non-Weather Emergency Message (NWEM) to EMWIN

11. CATEGORY OF CHANGE <input checked="" type="checkbox"/> RC <input type="checkbox"/> PECP <input type="checkbox"/> ECP	12. TYPE OF CHANGE <input type="checkbox"/> DOCUMENTATION ONLY <input type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input checked="" type="checkbox"/> DATA
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13. SITES AFFECTED
EMWIN

14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM
The Child Abduction Emergency (CAE) message within the set of Non-Weather Emergency Messages (NWEM), is absent from the EMWIN baseline. The NWS dissemination of Non-Weather Emergency Messages (NWEM) over EMWIN is addressed in:
(a) NATIONAL WEATHER SERVICE INSTRUCTION 10-518, APRIL 30, 2018
(b) NATIONAL WEATHER SERVICE INSTRUCTION 10-1708 December 11, 2017.

15. KNOWN OR PROPOSED SOLUTION
Modify the EMWIN baseline to include the Child Abduction Emergency (CAE) Non-Weather Emergency Message (NWEM). Add the products described in Part A, Data Products Supplement, to the EMWIN product baseline and the switching directory. Add the AWIPS Category Code CAE (RtPri1) to the current CATLST.txt baseline.
The CAE product(s) for San Juan, PR (TJSJ) were removed at the request of the WFO (RC 121) and will be reinstated in a separate RC. NWEM Demonstration Message WOUS42 KKEY DMOKEY was identified as missing from the EMWIN baseline and has been added as part of this RC.

16. ALTERNATE SOLUTIONS
n/a

17. REQUIRED CHANGE DATE 12/31/2018	18. RATIONALE FOR REQUIRED CHANGE DATE Early implementation is authorized.	19. PRIORITY <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> URGENT <input type="checkbox"/> EMERGENCY
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DRG/CCB/PMC/CMB DECISION			
20. DECISION AUTHORITY AND IMPACT LEVEL	<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED	<input type="checkbox"/> CCB LEVEL ONLY	<input type="checkbox"/> FAST TRACK
	<input type="checkbox"/> MAJOR CHANGE	<input type="checkbox"/> MINOR CHANGE	
21. CCB LEVEL DECISION	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED	SIGNATURE <i>Robert Gillespie</i>
	<input type="checkbox"/> RECOMMEND APPROVAL	<input type="checkbox"/> REFERRED TO OSIP	DATE SIGNED December 20, 2018

FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED

22. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED	SIGNATURE/DATE
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PART A - DATA PRODUCTS SUPPLEMENT

This information is required for Data Products submissions.

3. INTERNAL NWS USE ONLY

YES

NO

4. PRODUCT SOURCE
5. AWIPS DATA TYPE
6A. NOTIFICATION
6B. CHANGE NOTICE NUMBER
**6C. ISSUE
DATE**
6D. TEST DATE
**6E. IMPLEMENT
DATE**

AWIPS/NOAAPort

EMWIN

NWWS

**7. NODE
ID**
**8. AWIPS ID
NNNXXX**
9. WMO HEADER
**10. ADD
REV
DEL**
**11. SEAS
Y/N**
**12. CHAR PER
MSG**
13. FREQUENCY
14. NWSTG DISTR

	CAEABQ	WOUS45 KABQ	Add	N		As Needed	Line 009 (EMWIN)
	CAEABR	WOUS43 KABR	Add	N		As Needed	Line 009 (EMWIN)
	CAEAFB	WOAK48 PAFC	Add	N		As Needed	Line 009 (EMWIN)
	CAEAFG	WOAK49 PAFG	Add	N		As Needed	Line 009 (EMWIN)
	CAEAJK	WOAK47 PAJK	Add	N		As Needed	Line 009 (EMWIN)
	CAEAK	WOAK48 PAFC	Add	N		As Needed	Line 009 (EMWIN)
	CAEAKQ	WOUS41 KAKQ	Add	N		As Needed	Line 009 (EMWIN)
	CAEAL	WOUS44 KBMX	Add	N		As Needed	Line 009 (EMWIN)
	CAEALY	WOUS41 KALY	Add	N		As Needed	Line 009 (EMWIN)
	CAEAMA	WOUS44 KAMA	Add	N		As Needed	Line 009 (EMWIN)
	CAEAPX	WOUS43 KAPX	Add	N		As Needed	Line 009 (EMWIN)
	CAEAR	WOUS44 KLZK	Add	N		As Needed	Line 009 (EMWIN)
	CAEARX	WOUS43 KARX	Add	N		As Needed	Line 009 (EMWIN)
	CAEAS	WOZS40 NSTU	Add	N		As Needed	Line 009 (EMWIN)
	CAEAZ	WOUS45 KPSR	Add	N		As Needed	Line 009 (EMWIN)
	CAEBGM	WOUS41 KBGM	Add	N		As Needed	Line 009 (EMWIN)
	CAEBIS	WOUS43 KBIS	Add	N		As Needed	Line 009 (EMWIN)
	CAEBMX	WOUS44 KBMX	Add	N		As Needed	Line 009 (EMWIN)
	CAEBOI	WOUS45 KBOI	Add	N		As Needed	Line 009 (EMWIN)
	CAEBOU	WOUS45 KBOU	Add	N		As Needed	Line 009 (EMWIN)
	CAEBOX	WOUS41 KBOX	Add	N		As Needed	Line 009 (EMWIN)
	CAEBRO	WOUS44 KBRO	Add	N		As Needed	Line 009 (EMWIN)
	CAEBTV	WOUS41 KBTU	Add	N		As Needed	Line 009 (EMWIN)
	CAEBUF	WOUS41 KBUF	Add	N		As Needed	Line 009 (EMWIN)
	CAEBYZ	WOUS45 KBYZ	Add	N		As Needed	Line 009 (EMWIN)
	CAECA	WOUS46 KSTO	Add	N		As Needed	Line 009 (EMWIN)
	CAECAE	WOUS42 KCAE	Add	N		As Needed	Line 009 (EMWIN)
	CAECAR	WOUS41 KCAR	Add	N		As Needed	Line 009 (EMWIN)
	CAECHS	WOUS42 KCHS	Add	N		As Needed	Line 009 (EMWIN)
	CAECLE	WOUS41 KCLE	Add	N		As Needed	Line 009 (EMWIN)
	CAECO	WOUS45 KBOU	Add	N		As Needed	Line 009 (EMWIN)
	CAECRP	WOUS44 KCRP	Add	N		As Needed	Line 009 (EMWIN)
	CAECT	WOUS41 KBOX	Add	N		As Needed	Line 009 (EMWIN)
	CAECTP	WOUS41 KCTP	Add	N		As Needed	Line 009 (EMWIN)
	CAECYS	WOUS45 KCYS	Add	N		As Needed	Line 009 (EMWIN)
	CAEDC	WOUS41 KLWX	Add	N		As Needed	Line 009 (EMWIN)
	CAEDDC	WOUS43 KDDC	Add	N		As Needed	Line 009 (EMWIN)
	CAEDE	WOUS41 KPHI	Add	N		As Needed	Line 009 (EMWIN)
	CAEDLH	WOUS43 KDLH	Add	N		As Needed	Line 009 (EMWIN)
	CAEDMX	WOUS43 KDMX	Add	N		As Needed	Line 009 (EMWIN)
	CAEDTX	WOUS43 KDTX	Add	N		As Needed	Line 009 (EMWIN)
	CAEDVN	WOUS43 KDVN	Add	N		As Needed	Line 009 (EMWIN)
	CAEEAX	WOUS43 KEAX	Add	N		As Needed	Line 009 (EMWIN)
	CAEEKA	WOUS46 KEKA	Add	N		As Needed	Line 009 (EMWIN)
	CAEEPZ	WOUS44 KEPZ	Add	N		As Needed	Line 009 (EMWIN)
	CAEEWX	WOUS44 KEWX	Add	N		As Needed	Line 009 (EMWIN)
	CAEFFC	WOUS42 KFFC	Add	N		As Needed	Line 009 (EMWIN)
	CAEFGF	WOUS43 KFGF	Add	N		As Needed	Line 009 (EMWIN)
	CAEFGZ	WOUS45 KFGZ	Add	N		As Needed	Line 009 (EMWIN)

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CAEFL	WOUS42 KTAE	Add	N		As Needed	Line 009 (EMWIN)
CAEFS	WOUS43 KFSD	Add	N		As Needed	Line 009 (EMWIN)
CAEFD	WOUS44 KFWD	Add	N		As Needed	Line 009 (EMWIN)
CAEGA	WOUS42 KFFC	Add	N		As Needed	Line 009 (EMWIN)
CAEGGW	WOUS45 KGGW	Add	N		As Needed	Line 009 (EMWIN)
CAEGID	WOUS43 KGID	Add	N		As Needed	Line 009 (EMWIN)
CAEGJT	WOUS45 KGJT	Add	N		As Needed	Line 009 (EMWIN)
CAEGLD	WOUS43 KGLD	Add	N		As Needed	Line 009 (EMWIN)
CAEGRB	WOUS43 KGRB	Add	N		As Needed	Line 009 (EMWIN)
CAEGRR	WOUS43 KGRR	Add	N		As Needed	Line 009 (EMWIN)
CAEGSP	WOUS42 KGSP	Add	N		As Needed	Line 009 (EMWIN)
CAEGU	WOGM40 PGUM	Add	N		As Needed	Line 009 (EMWIN)
CAEGUM	WOGM40 PGUM	Add	N		As Needed	Line 009 (EMWIN)
CAEGYX	WOUS41 KGYX	Add	N		As Needed	Line 009 (EMWIN)
CAEHFO	WOHW40 PHFO	Add	N		As Needed	Line 009 (EMWIN)
CAEHGX	WOUS44 KHGX	Add	N		As Needed	Line 009 (EMWIN)
CAEHI	WOHW40 PHFO	Add	N		As Needed	Line 009 (EMWIN)
CAEHNX	WOUS46 KHNX	Add	N		As Needed	Line 009 (EMWIN)
CAEHUN	WOUS44 KHUN	Add	N		As Needed	Line 009 (EMWIN)
CAEIA	WOUS43 KDMX	Add	N		As Needed	Line 009 (EMWIN)
CAEICT	WOUS43 KICT	Add	N		As Needed	Line 009 (EMWIN)
CAEID	WOUS45 KBOI	Add	N		As Needed	Line 009 (EMWIN)
CAEIL	WOUS43 KILX	Add	N		As Needed	Line 009 (EMWIN)
CAEILM	WOUS42 KILM	Add	N		As Needed	Line 009 (EMWIN)
CAEILN	WOUS41 KILN	Add	N		As Needed	Line 009 (EMWIN)
CAEILX	WOUS43 KILX	Add	N		As Needed	Line 009 (EMWIN)
CAEIN	WOUS43 KIND	Add	N		As Needed	Line 009 (EMWIN)
CAEIND	WOUS43 KIND	Add	N		As Needed	Line 009 (EMWIN)
CAEIX	WOUS43 KIWX	Add	N		As Needed	Line 009 (EMWIN)
CAEJAN	WOUS44 KJAN	Add	N		As Needed	Line 009 (EMWIN)
CAEJAX	WOUS42 KJAX	Add	N		As Needed	Line 009 (EMWIN)
CAEJKL	WOUS43 KJKL	Add	N		As Needed	Line 009 (EMWIN)
CAEKEY	WOUS42 KKEY	Add	N		As Needed	Line 009 (EMWIN)
CAEKS	WOUS43 KTOP	Add	N		As Needed	Line 009 (EMWIN)
CAEKY	WOUS43 KLMK	Add	N		As Needed	Line 009 (EMWIN)
CAELA	WOUS44 KLIX	Add	N		As Needed	Line 009 (EMWIN)
CAELBF	WOUS43 KLBF	Add	N		As Needed	Line 009 (EMWIN)
CAELCH	WOUS44 KLCH	Add	N		As Needed	Line 009 (EMWIN)
CAELIX	WOUS44 KLIX	Add	N		As Needed	Line 009 (EMWIN)
CAELKN	WOUS45 KLKN	Add	N		As Needed	Line 009 (EMWIN)
CAELMK	WOUS43 KLMK	Add	N		As Needed	Line 009 (EMWIN)
CAELOT	WOUS43 KLOT	Add	N		As Needed	Line 009 (EMWIN)
CAELOX	WOUS46 KLOX	Add	N		As Needed	Line 009 (EMWIN)
CAELSX	WOUS43 KLSX	Add	N		As Needed	Line 009 (EMWIN)
CAELUB	WOUS44 KLUB	Add	N		As Needed	Line 009 (EMWIN)
CAELWX	WOUS41 KLWX	Add	N		As Needed	Line 009 (EMWIN)
CAELZK	WOUS44 KLZK	Add	N		As Needed	Line 009 (EMWIN)
CAEMA	WOUS41 KBOX	Add	N		As Needed	Line 009 (EMWIN)
CAEMAF	WOUS44 KMAF	Add	N		As Needed	Line 009 (EMWIN)
CAEMD	WOUS41 KLWX	Add	N		As Needed	Line 009 (EMWIN)
CAEME	WOUS41 KGYX	Add	N		As Needed	Line 009 (EMWIN)
CAEMEG	WOUS44 KMEG	Add	N		As Needed	Line 009 (EMWIN)
CAEMFL	WOUS42 KMFL	Add	N		As Needed	Line 009 (EMWIN)
CAEMFR	WOUS46 KMFR	Add	N		As Needed	Line 009 (EMWIN)
CAEMHX	WOUS42 KMHX	Add	N		As Needed	Line 009 (EMWIN)
CAEMI	WOUS43 KGRR	Add	N		As Needed	Line 009 (EMWIN)
CAEMKX	WOUS43 KMKX	Add	N		As Needed	Line 009 (EMWIN)
CAEMLB	WOUS42 KMLB	Add	N		As Needed	Line 009 (EMWIN)
CAEMN	WOUS43 KMPX	Add	N		As Needed	Line 009 (EMWIN)
CAEMO	WOUS43 KLSX	Add	N		As Needed	Line 009 (EMWIN)
CAEMOB	WOUS44 KMOB	Add	N		As Needed	Line 009 (EMWIN)
CAEMPX	WOUS43 KMPX	Add	N		As Needed	Line 009 (EMWIN)
CAEMQT	WOUS43 KMQT	Add	N		As Needed	Line 009 (EMWIN)
CAEMRX	WOUS44 KMRX	Add	N		As Needed	Line 009 (EMWIN)
CAEMS	WOUS44 KJAN	Add	N		As Needed	Line 009 (EMWIN)
CAEMSO	WOUS45 KMSO	Add	N		As Needed	Line 009 (EMWIN)
CAEMT	WOUS45 KTFX	Add	N		As Needed	Line 009 (EMWIN)
CAEMTR	WOUS46 KMTR	Add	N		As Needed	Line 009 (EMWIN)
CAENC	WOUS42 KRAH	Add	N		As Needed	Line 009 (EMWIN)

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PART C - CHANGE AND IMPLEMENTATION ACTIVITIES

Submitters should propose implementation actions; WSH will assist with and supplement actions or required statements when necessary.

3. IMPLEMENTATION DOCUMENTS REQUIRED

Engineering Modification Note
 Software Release Notes
 Other Document (Specify) _____

ADDITIONAL IMPLEMENTATION INSTRUCTIONS

4. IMPLEMENTATION ACTIVITY REQUIRED	5. RESPONSIBLE PERSON AND OFFICE	6. REQUIRED COMPLETION DATE	7. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
1. Post this RC on the ISCS DRG web page.	G. Banks – DISS/DST	12/21/2018	Notify Don Fletcher, DISS/DST, of completion.
2. Modify the EMWIN product baseline per description in Part A – Data Products Supplement.	D. Fletcher – DISS/DST	12/21/2018	Notify Don Fletcher, DISS/DST, of completion.
3. Modify the EMWIN switching directory per description in Part A – Data Products Supplement.	R. Robinson or W. Smith – NCEP/CO/PMB	12/27/2018	Notify Don Fletcher, DISS/DST, of completion.
4. Modify the EMWIN CATLST.txt and AWDS.tbl files per Appendix A.	G. Banks – DISS/DST	12/27/2018	Notify Don Fletcher, DISS/DST, of completion.
5. Verify the products have been modified in EMWIN.	D. Fletcher – DISS/DST	12/28/2018	Notify Don Fletcher, DISS/DST, of completion.
6. Notify end users and workstations vendors of product changes under the "Notifications" section on the ISCS Homepage.	G. Banks – DISS/DST	12/28/2018	Notify Don Fletcher, DISS/DST, of completion.
7. Notify the EMWIN Program Manager and the NWS DRG < drqcm@noaa.gov > that the task is complete.	D. Fletcher – DISS/DST	12/31/2018	Email EMWIN PM and NWS DRG a notification of completion

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APPENDIX A

Modify CATLST.txt/AWDS.tbl records

CATLST.txt		
Row Value	Action	Affected Products
List the NNN value, Priority (RtPri?), Action (ADD/DEL) as shown below in the first two columns. The third column should list all products in the EMWIN baseline that will be affected by the action performed.		

CAE,RtPri1 ADD

PRODUCTS ADDED PER RC

WOUS41-KPHI-CAENJ
 WOUS41-KPHI-CAEPHI
 WOUS41-KRLX-CAERLX
 WOUS41-KRLX-CAEWV
 WOUS41-KRNK-CAERNK
 WOUS42-KCAE-CAECAE
 WOUS42-KCAE-CAESC
 WOUS42-KCHS-CAECHS
 WOUS42-KFFC-CAEFFC
 WOUS42-KFFC-CAEGA
 WOUS42-KGSP-CAEGSP
 WOUS42-KILM-CAEILM
 WOUS42-KJAX-CAEJAX
 WOUS42-KKEY-CAEKEY
 WOUS42-KKEY-DMOKEY
 WOUS42-KMFL-CAEMFL
 WOUS42-KMHX-CAEMHX
 WOUS42-KMLB-CAEMLB
 WOUS42-KRAH-CAENC
 WOUS42-KRAH-CAERAH
 WOUS42-KTAEWOUS42

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WOUS43-KLMK-CAELMK

CATLST.txt		
Row Value	Action	Affected Products
List the NNN value, Priority (RtPri?), Action (ADD/DEL) as shown below in the first two columns. The third column should list all products in the EMWIN baseline that will be affected by the action performed.		

CAE,RtPri1 ADD

PRODUCTS ADDED PER RC

WOUS43-KLOT-CAELOT
 WOUS43-KLSX-CAELSX
 WOUS43-KLSX-CAEMO
 WOUS43-KMKX-CAEMKX
 WOUS43-KMKX-CAEWI
 WOUS43-KMPX-CAEMN
 WOUS43-KMPX-CAEMPX
 WOUS43-KMQT-CAEMQT
 WOUS43-KOAX-CAENE
 WOUS43-KOAX-CAEOAX
 WOUS43-KPAH-CAEPAH
 WOUS43-KSGF-CAESGF
 WOUS43-KTOP-CAEKS
 WOUS43-KTOP-CAETOP
 WOUS43-KUNR-CAEUNR
 WOUS44-KAMA-CAEAMA
 WOUS44-KBMX-CAEAL
 WOUS44-KBMX-CAEBMX
 WOUS44-KBRO-CAEBRO
 WOUS44-KCRP-CAECRP
 WOUS44-KEPZ-CAEEPZ
 WOUS44-KEWX-CAEEWX
 WOUS44-KEWX-CAETX
 WOUS44-KFWD-CAEFWD
 WOUS44-KHGX-CAEHGX
 WOUS44-KHUN-CAEHUN
 WOUS44-KJAN-CAEJAN
 WOUS44-KJAN-CAEMS
 WOUS44-KLCH-CAELCH
 WOUS44-KLIX-CAELA
 WOUS44-KLIX-CAELIX
 WOUS44-KLUB-CAELUB
 WOUS44-KLZK-CAEAR
 WOUS44-KLZK-CAELZK
 WOUS44-KMAF-CAEMAF
 WOUS44-KMEG-CAEMEG
 WOUS44-KMOB-CAEMOB
 WOUS44-KMRX-CAEMRX
 WOUS44-KOHX-CAEOHX
 WOUS44-KOHX-CAETN
 WOUS44-KOUN-CAEOK
 WOUS44-KOUN-CAEOUN
 WOUS44-KSHV-CAESHV
 WOUS44-KSJT-CAESJT
 WOUS44-KTSA-CAETSA
 WOUS45-KABQ-CAEABQ
 WOUS45-KABQ-CAENM
 WOUS45-KBOI-CAEBOI
 WOUS45-KBOI-CAEID
 WOUS45-KBOU-CAEBOU
 WOUS45-KBOU-CAECO

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CATLST.txt		
Row Value	Action	Affected Products
List the NNN value, Priority (RtPri?), Action (ADD/DEL) as shown below in the first two columns. The third column should list all products in the EMWIN baseline that will be affected by the action performed.		

CAE,RtPri1 ADD

PRODUCTS ADDED PER RC

WOUS45-KBYZ-CAEBYZ
 WOUS45-KCYS-CAECYS
 WOUS45-KCYS-CAEWY
 WOUS45-KFGZ-CAEFGZ
 WOUS45-KGGW-CAEGGW
 WOUS45-KGJT-CAEGJT
 WOUS45-KLKN-CAELKN
 WOUS45-KMSO-CAEMSO
 WOUS45-KPIH-CAEPIH
 WOUS45-KPSR-CAEAZ
 WOUS45-KPSR-CAEPSR
 WOUS45-KPUB-CAEPUB
 WOUS45-KREV-CAENV
 WOUS45-KREV-CAEREV
 WOUS45-KRIW-CAERIW
 WOUS45-KSLC-CAESLC
 WOUS45-KSLC-CAEUT
 WOUS45-KTFX-CAEMT
 WOUS45-KTFX-CAETFX
 WOUS45-KTWC-CAETWC
 WOUS45-KVEF-CAEVEF
 WOUS46-KEKA-CAEKA
 WOUS46-KHNX-CAEHNX
 WOUS46-KLOX-CAELOX
 WOUS46-KMFR-CAEMFR
 WOUS46-KMTR-CAEMTR
 WOUS46-KOTX-CAEOTX
 WOUS46-KPDT-CAEPDT
 WOUS46-KPQR-CAEOR
 WOUS46-KPQR-CAEPQR
 WOUS46-KSEW-CAESEW
 WOUS46-KSEW-CAEWA
 WOUS46-KSGX-CAESGX
 WOUS46-KSTO-CAECA
 WOUS46-KSTO-CAESTO
 WOZS40-NSTU-CAEAS
 WOZS40-NSTU-CAEPPG