

HEADER / AEF TMSW storm name

NOAA3

WXWX

TestName

OB/1

①

②

③

④

ascent sounding

900 mb 064 / 19 ms⁻¹

20.6 15.3 (5.5)

850 mb 064 / 18 ms⁻¹

18.0 18.6 (6.5)

800 mb 062 / 14 ms⁻¹

16.0 2.6 (13.0)

700 mb 030 / 8

10.9 -3.0 (14.0)

650 mb 024 / 6.0

6.8 -4.4 (11.2)

600 mb 060 / 4.7

2.9 -7.8 (10.7)

550 mb 054 / 3.2

-1.8 -10.5 (-12.3)

500 mb 056 / 6.5

-7.0 -17.0 (6.0)

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

(MANOP HEADING) Z UNZT13 KMIA
 (AIRCRAFT #/MISSION #) NOAA OB
 STORM NAME

TIME RECEIVED
 #2

XXAA	2 SP	64195	99234	70758	////	99	29450	////	2CR 1LF	
00	////	28635	06010	85	////	18820	08018	70	////	2CR 1LF
350	18	50	////	05367	29015	40	////	////	////	2CR 1LF
77	////	////	////	2CR 1LF	40	////	////	30	////	2CR 1LF
88999	77	////	////	2CR 1LF	////	////	////	////	////	2CR 1LF
XXBB	2 SP	64195	99234	70758	////	00015	29450	(mbs) (5) (6)	CONTROL T	

(00 = 1st Sig. Lvl.)

ENTER WIND SPEED IN KNOTS

XXAA	64195	99234	70758	////
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(SURFACE)	99	29450	75
(1000 mb lvl)	00	28635	06010
(850 mb lvl)	85	18820	08018
(700 mb lvl)	70	10465	35018
(500 mb lvl)	50	05367	29015
(400 mb lvl)	40	////	////
(300 mb lvl)	30	////	////

NOTES:

- Add 50 to GMT date to indicate wind speeds in KNOTS.
- Code for the highest mandatory pressure level with a wind. Use the following numbers: 3=300mb, 4=400mb, 5=500mb, 7=700mb.
- 1=lat N, long E; 3=lat S, long E; 5=lat S, long W; 7=lat N, long W.
- Surface pressure in whole millibars (hundreds, tens & units) - tenths value rounded off. (e.g. 1017.6mbs encoded as 018).
- Coding temps: Enter even tenths value if temp positive. Enter odd tenths value if temp negative.
- See code table for Dew pt. depressions...
- 88999 indicates no trop in sounding. "77" is indicator for max. wind (in mbs) & is only sent when sounding is above 500mb and is greater than 60 knots.
- XXBB same as XXAA with "00" indicator a repeat of the first SIGNIFICANT level sent in XXAA...

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LTW6-108413 0135

COMMUNICATION WORKSHEET

(MANOP HEADING) UZNT13 KMIA ----- Z ----- TIME RECEIVED

(AIRCRAFT #/MISSION #) NOAA----- OB--

STORM NAME

XXAA	2 SP	64195	99230	70738	//////	99	28235	//////	2CR 1LF	
00	//////	27015	//////	85	//////	17815	//////	70	09210	2CR 1LF
34032	50	//////	05356	29014	40	//////	//////	//////	88999	2CR 1LF
77	//////	//////	2CR 1LF	//////	//////	40	//////	//////	30	2CR 1LF
//////	50	//////	//////	//////	40	//////	//////	//////	30	2CR 1LF
//////	//////	88999	77	//////	2CR 1LF	(mbs)	(5)	(6)	CONTROL T	
XXBB	2 SP	64195	99230	70738	//////	00011	28235	//////		

(00 = 1st Sig. Lvl.)

ENTER WIND SPEED IN KNOTS

DAY OF MONTH (00-31)	NEAREST HOUR (00-23)	MAX. WIND LVL. (3-7)	INDICATOR (CONSTANT)	LATITUDE (DEG. & TENTHS)	LONGITUDE (DEG. & TENTHS)
64195	99230	70738	//////	//////	//////

(SURFACE)	99	28235	81
(1000 mb lvl)	00	27015	92
(850 mb lvl)	85	17815	91
(700 mb lvl)	70	09210	94
(500 mb lvl)	50	05356	62
(400 mb lvl)	40	//////	
(300 mb lvl)	30	//////	

- NOTES:
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 - 1=lat N, long E; 3=lat S, long E; 5=lat S, long W; 7=lat N, long W.
 - Surface pressure in whole millibars (hundreds, tens & units) - tenths value rounded off. (e.g. 1017.6mbs encoded as 018).
 - Coding temps: Enter even tenths value if temp positive. Enter odd tenths value if temp negative.
 - See code table for Dew pt. depressions...
 - 88999 indicates no trop in sounding. "77" is indicator for max. wind (in mbs) & is only sent when sounding is above 500mb and is greater than 60 knots.
 - XXBB same as XXAA with "00" indicator a repeat of the first SIGNIFICANT level sent in XXAA...

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(AIRCRAFT #/MISSION #)

STORM NAME

NOAA

OB

XXAA	2 SP	64175	99240	70780	99	28845	88999	ZCR ILF
00	27832	85	19605	70	10062		ZCR ILF	
77	50	05564	02008	40			ZCR ILF	
50				40			ZCR ILF	
88999	77						ZCR ILF	
XXBB	2 SP	64175	99240	70780	00013	28845	CONTROL T	

(00 = 1st Sig. Lvl.)

ENTER WIND SPEED IN KNOTS

XXAA	64175	99240	70780
(SURFACE)	99	28845	77
(1000 mb lvl)	00	27832	83
(850 mb lvl)	85	19605	97
(700 mb lvl)	70	10062	43
(500 mb lvl)	50	05564	33
(400 mb lvl)	40		
(300 mb lvl)	30		

NOTES:

- (1) Add 50 to GMT date to indicate wind speeds in KNOTS.
- (2) Code for the highest mandatory pressure level with a wind. Use the following numbers: 3=300mb, 4=400mb, 5=500mb, 7=700mb.
- (3) 1=lat N, long E; 3=lat S, long E; 5=lat S, long W; 7=lat N, long W.
- (4) Surface pressure in whole millibars (hundreds, tens & units) - tenths value rounded off. (e.g. 1017.6mbs encoded as 018).
- (5) Coding temps: Enter even tenths value if temp positive. Enter odd tenths value if temp negative.
- (6) See code table for Dew pt. depressions...
- (7) 88999 indicates no trop in sounding. "77" is indicator for max. wind (in mbs) & is only sent when sounding is above 500mb and is greater than 60 knots.
- (8) XXBB same as XXAA with "00" indicator a repeat of the first SIGNIFICANT level sent in XXAA...

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