WS FORM F-6
(9-76)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, NV

MONTH: November

YEAR: 1983

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED [redacted] Knots	FASTEST MILE SPEED [redacted] Knots	DIRECTION	[redacted] Ave Stn Press	PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	68	47	58		7	0	0.32	0	0	4.0	15	NE	26.63	9	10	T, RW-	71	48	45	85
2	72	48	60		5	0	0.01	0	0	4.3	26	E	26.72	98	0		90	49	32	72
3	77	49	63		2	0	0	0	0	5.1	17	NE	26.72	100	0		80	33	21	57
4	76	43	60		5	0	0	0	0	4.0	16	SW	26.63	76	6		74	34	22	53
5	74	43	59		6	0	0	0	0	3.6	10	SW	26.64	82	7		67	37	27	64
6	74	44	59		6	0	0	0	0	3.5	11	SW	26.68	99	1		84	47	29	70
7	72	46	59		6	0	0.05	0	0	6.8	30	SW	26.50	34	8	T, RW-	80	53	38	34
8	58	38	48		17	0	0	0	0	11.4	30	NE	26.68	96	1		37	21	12	25
9	58	37	48		17	0	0	0	0	7.1	15	E	26.76	22	9		21	19	15	21
10	67	40	54		11	0	0	0	0	7.1	31	S	26.63	55	7		32	19	13	12
11	71	60	66		0	1	0	0	0	20.0	42	SW	26.50	75	2		11	32	43	57
12	70	58	64		1	0	0	0	0	14.9	28	SW	26.55	95	0		57	47	35	48
13	67	48	58		7	0	0	0	0	11.6	32	SW	26.52	90	4		62	43	12	24
14	62	44	53		12	0	0	0	0	8.2	20	E	26.73	100	2		67	35	19	28
15	65	41	53		12	0	0	0	0	6.4	14	SE	26.74	99	5		47	26	16	34
16	65	36	51		14	0	0	0	0	4.8	14	S	26.63	66	6		47	21	26	40
17	66	40	53		12	0	0.06	0	0	6.7	20	SE	26.48	43	8	RW-	42	35	39	57
18	58	41	50		15	0	0	0	0	12.7	25	N	26.58	53	6		32	30	22	47
19	58	38	48		17	0	0	0	0	8.0	21	S	26.59	68	3		48	25	20	42
20	61	37	49		16	0	0.01	T	0	15.0	45	SW	26.17	78	4	RW-, SW-	43	44	40	82
21	44	32	38		27	0	0.03	T	T	7.6	23	NW	26.27	33	10	SW-, SP-	77	53	34	55
22	46	25	36		29	0	0	0	0	5.8	17	NE	26.54	75	5		43	30	24	45
23	48	23	36		29	0	0	0	0	4.5	14	SW	26.64	63	5		63	30	36	57
24	56	34	45		20	0	0.11	0	0	9.2	38	S	26.54	4	10	RW-	61	40	46	64
25	45	30	38		27	0	0.25	0	0	7.6	28	N	26.46	38	6	R-, RW-	95	42	45	64
26	47	30	39		26	0	0	0	0	11.1	26	NE	26.75	100	0		67	37	28	45
27	53	30	42		23	0	0	0	0	10.2	21	NE	26.81	100	0		49	33	31	55
28	52	33	43		22	0	0	0	0	5.9	17	NE	26.66	100	0		67	44	35	74
29	52	26	39		26	0	0	0	0	3.5	13	SW	26.56	85	5		86	46	38	72
30	56	36	46		19	0	0	0	0	4.6	19	E	26.53	23	9		86	46	43	76
31																				
SUM	1838	1157	—	—					—	235.2	—	—	797.84	—	139	—	1786	1099	886	1559
AVG	61.3	38.6	—	—	—	—	—	—	—	7.8	FASTEST	DIRECTION	~~POSS. SUN~~	%		—	60	37	30	52
[redacted]										MISC. →	45	SW	26.59	69	46	—				

TEMPERATURE DATA

AVERAGE MONTHLY 49.9

DEPARTURE FROM NORMAL -0.8

HIGHEST 77 ON 3

LOWEST 23 ON 23

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 8

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 446

DEPARTURE FROM NORMAL 24

SEASONAL TOTAL 504

DEPARTURE FROM NORMAL

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 1

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 1700

DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.84 IN.

DEPARTURE FROM NORMAL IN.

GREATEST IN 24 HRS. 0.32 ON 1

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 3 IN.

GREATEST IN 24 HRS. 3 ON 21

GREATEST DEPTH ON GROUND T ON 20,21

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 11

PARTLY CLOUDY (Scale 4–7) 12

CLOUDY (Scale 8–10) 7

WITH 0.01 INCH OR MORE PRECIP. 8

WITH 0.10 INCH OR MORE PRECIP. 3

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = thunderstorm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST ~~SEA LEVEL~~ Stn P. 26.865 IN. ON 26

LOWEST ~~SEA LEVEL~~ 26.050 IN. ON 20

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG.#6

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 NOV 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.620	52.3	46.9	68	10	10	CS	230												3	8	.005			00-01
01 47	26.620	50.0	45.7	73	10															4					01-02
02 48	26.615	51.0	46.2	71	10															7					02-03
03 50	26.630	50.7	46.0	71	9	0	AC	100	9	CS	E200	9								8	3	.010			03-04
04 48	26.640	48.8	45.2	77	9															8					04-05
05 49	26.640	48.5	44.9	77	10															9					05-06
06 50	26.640	48.4	45.7	82	10	10	AS	E190												10	1	.010			06-07
07 49	26.650	55.5	49.1	64	10															9					07-08
08 47	26.650	59.4	50.6	55	10															10					08-09
09 50	26.658	62.6	51.7	48	10	0	CU	50	0	AC	100	0	5	AC	180	5	5	CS	E250	7	1	.010			09-10
10 48	26.650	65.0	53.3	47	10															5					10-11
11 47	26.630	66.2	53.6	44	10															10					11-12
12 48	26.610	66.6	53.7	43	10	1	CU	60	0	AC	180	1	10	CS	E250	10				10	8	.040			12-13
13 48	26.605	66.7	53.5	42	10															10					13-14
14 50	26.600	66.4	53.3	42	10															10					14-15
15 52	26.605	65.5	53.4	46	10	1	CU	50	3	SC	65	4	0	AC	160	4*	~~10~~ ~~CS~~	~~E230~~ CS	E230	10	6	.005			15-16
16 50	26.610	62.3	54.6	62	10															10					16-17
17 51	26.625	58.2	53.9	77	10															10					17-18
18 52	26.635	57.1	54.1	84	10	6	SC	E50	1	AC	120	7	3	CS	230	10				9	3	.030			18-19
19 49	26.640	56.4	53.9	86	10															9					19-20
20 50	26.650	53.9	51.1	84	10															10					20-21
21 50	26.655	54.6	52.1	85	10	0	CB	40	10	SC	E50	10								10	2	.020			21-22
22 50	26.665	56.5	52.0	75	10															10					22-23
23 49	26.670	55.8	51.1	74	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	49	X	X						X		
	0345	1	0	0	0	54	49		0								
	0946	2	0	0	0	63	47		0								
	1545	3	0	0	0	68	63		0								
	21 44	4	.32	0	0	66	53		2								
	MID.	X	T	0	0	~~57~~ ~~66~~	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	~~1549~~	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.650	26.605	26.655
BAROGRAPH 64	26.595	26.640	26.605	26.655
BAR. CORR. 65	+.035	+.030*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	47	.32	0	0	15	NE	2359					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1645	1737			
RW-	1649	1805			
T	2011	2105			
RW-	2016	2021			
RW	2021	2040			
RW-	2040	2102			
RW-	2341	CONTD			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0529P @ 1 Sec. / 1817P @ 1 Sec. ± Sec.

* Barograph Changed 0951P 0 Corr.

~~1450/1650~~ 1552P/1552P 26.50 / 7.00 / 21.50

RS-1
SP-4

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 NOV 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS ANALYSTS (15)
SA	0049	230 - OVC	20			148	52	42	06	03		003	802 1007	MR
SA	0147	230 - OVC	20			149	50	42	11	02		003		MR
SA	0248	140 SCT E230 OVC	20			147	51	42	12	04		003		MR
SA	0350	E200 BKN	20			152	51	42	11	04		004	303 1038 49 RADAT 35109	JD
SA	0448	E 200 BKN	20			159	49	42	04	03		005		JD
SA	0549	E 200 OVC	20			160	49	42	03	02		005		JD
SA	0650	E190 OVC	20			163	48	43	28	03		005	103 102/	JD
SA	0749	E190 BKN 250 OVC	20			165	56	44	34	03		006		JD
SA	0847	E 190 BKN 250 OVC	20			164	59	43	11	06		006		JD
SA	0950	180 SCT E250 OVC	20			161	63	43	27	02		006	103 1277 47	JD
SA	1048	180 SCT 250 - OVC	20			161	65	44	12	05		006		JD
SA	1147	60 SCT 180 SCT E 250 OVC	20			152	66	44	10	03		004		JD
SA	1248	60 SCT 180 SCT E 250 OVC	20			145	67	44	29	02		002	614 1237	JD
SA	1348	60 SCT 180 SCT E240 OVC	20			144	67	43	08	02		002		JD
SA	1450	55 SCT 180 SCT E 230 OVC	20			142	66	43	23	03		001		JD
SA	1552	50 SCT 65 SCT 160 SCT E230 OVC	20			145	66	44	24	05		002	*602 1837 68 RADAT	MR
													95099 *RW4 OMTNS SE-S	
RS	1650	M45 BKN 230 OVC	20		TRW-	149	62	49	16	04		002	TB45 SE-S MOVG N	MR
													RB49	
SP	1739	E45 BKN 140 BKN 230 OVC	20		RW-				04	02		003	TE37 MOVD N DSPTD	MR
SA	1751	E50 BKN 120 BKN 230 OVC	20			158	58	51	06	02		004	OCNL RW- TE37	MR
SA	1852	E50 BKN 120 BKN 230 OVC	20			162	57	52	04	05		005	RE05 31001 1577	MR
SA	1949	E55 BKN 120 BKN 200 OVC	20			160	56	52	01	04		005	CB OCNL LTGIC W	MR
SP	2013	M45 BKN 120 OVC	20		T				04	06		006	TB11 SE STNRY OCNL LTGIC	MR
SP	2026	M37 OVC	4		TRW				34	10		007	TSE MOVG N OCCL LTGIC	MR
													RB16	
SA	2050	E40 BKN 100 OVC	7		TRW-	163	54	49	29	08		006	TNE MOVG N OCNL LTGIC	MR
													RB16 T3:1	
SP	2108	E50 BKN 100 OVC	20						29	06		006	TE05 ~~RE02~~ MOVD N RE02	MR
SA	2150	E50 OVC	20			163	55	50	06	06		007	CB N OCNL LTGIC TE05 RE02	MR
													20732 1911 68	
SA	2250	E60 OVC	20			165	57	49	34	04		008		MR
SA	2349	M50 OVC	10		RW-	166	56	48	08	09		008	RB41	MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 8 NOV 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.660	54.8	50.1	73	10	7	Sc	E60	3	Ci	250	10								9	0	.005			00-01
01 50	26.670	54.1	50.6	80	10															7					01-02
02 49	26.670	50.5	49.0	91	10															1					02-03
03 50	26.690	49.1	47.6	90	3	3	Ci	250												0	3	.030			03-04
04 48	26.690	48.6	47.0	90	1															0					04-05
05 49	26.715	48.8	46.8	87	0															0					05-06
06 48	26.730	48.8	47.2	89	0	0	Ac	80	0	Ci	250	0								0	3	.040			06-07
07 47	26.750	52.2	49.0	81	2															1					07-08
08 50	26.750	58.2	52.0	67	0															0					08-09
09 48	26.750	62.8	52.1	49	0	0	Cu	50	0	Ac	80	0								0	1	.020			09-10
10 47	26.745	65.2	53.1	46	0															0					10-11
11 49	26.710	69.0	54.1	38	0															0					11-12
12 48	26.715	68.4	53.5	38	1	1	Sc	60												1	6	.035			12-13
13 48	26.710	70.6	53.9	33	0															0					13-14
14 50	26.700	71.1	54.0	32	0															0					14-15
15 50	26.710	70.0	53.2	32	0	0	Cu	70												0	5	.005			15-16
16 51	26.720	66.9	52.6	38	0															0					16-17
17 49	26.720	66.0	52.0	39	0															0					17-18
18 50	26.740	58.1	50.8	62	0															0	3	.030			18-19
19 49	26.750	57.5	49.1	55	0															0					19-20
20 51	26.760	54.2	48.7	68	0															0					20-21
21 46	26.770	53.0	48.4	73	0															0	2	.030			21-22
22 50	26.780	53.0	47.2	66	0															0					22-23
23 51	26.770	52.2	47.0	69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.01	0	X	56	48	X	X						X		
	0345	1	.01	0	0	57	48		2								
	0945	2	0	0	0	63	47		1								
	1545	3	0	0	0	72	63		1								
	2140	4	0	0	0	70	52		1								
	MID.	X	0	0	0	54	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.750	26.710	26.770
BAROGRAPH 64	26.680	26.755	26.710	26.765
BAR. CORR. 65	+.010	-.005	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	47	.01	0	0	26	E	0014					0	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT'D	0016			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MIN. TIME WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0508 P Ⓔ / Sec. / 2012 P Ⓓ / Sec. / ± Sec.

SP:0
RS:0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK NEVADA

DATE 2 NOV 1983

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTER'S INITIALS (15)
SA	0052	E60 BKN 250 OVC	20			163	55	46	02	07		008	RE16 00201 1502	MK
SA	0150	50 SCT 80 SCT E250 OVC	20			166	54	48	13	04		008		MK
SA	0249	250 - OVC	20			169	51	48	07	03		008		MK
SA	0350	250 - SCT	20			178	49	46	05	04		011	31001 1001 48 20033	
													RADAT 76091	JD
SA	0448	250 - SCT	20			180	49	46	09	04		011		JD
SA	0549	CLR	20			192	49	45	12	02		014		JD
SA	0648	CLR	20			198	49	46	10	02		015	314 1031	JD
SA	0747	80 SCT 250 - SCT	20			204	52	46	23	02		017		JD
SA	0850	CLR	20			203	58	47	16	03		017		JD
SA	0948	CLR	20			200	63	44	36	05		017	107 1130 47	JD
SA	1047	CLR	20			195	65	44	05	03		017		JD
SA	1149	CLR	20			180	69	42	23	02		013		JD
SA	1248	60 SCT	20			183	68	41	36	05		014	612 1400	JD
SA	1348	CLR	20			180	71	40	02	06		013		JD
SA	1450	CLR	20			178	71	40	02	08		012		JD
SA	1550	CLR	20			182	70	39	03	05		014	502 1100 72 RADAT 20121	SEA
SA	1651	CLR	20			189	67	41	10	07		015		SEA
SA	1749	CLR	20			190	66	40	12	06		015		SEA
SA	1850	CLR	20			201	58	45	01	06		017	310	SEA
SA	1949	CLR	20			204	58	42	08	03		018		SEA
SA	2051	CLR	20			207	54	44	09	04		019		SEA
SA	2146	CLR	20			208	53	45	32	05		020	210 72	SEA
SA	2250	CLR	20			211	53	42	09	04		021		SEA
SA	2351	CLR	20			205	52	42	32	03		020		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 3

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.775	51.1	46.1	69	0															0	0	.005			00-01
01 47	26.760	48.5	45.4	80	0															0					01-02
02 50	26.745	49.7	45.1	72	0															0					02-03
03 50	26.740	49.1	46.0	80	0															0	6	.035			03-04
04 49	26.740	54.8	45.2	48	0															0					04-05
05 47	26.740	55.0	45.5	48	0															0					05-06
06 50	26.760	56.4	46.4	48	0															0	3	.020			06-07
07 52	26.770	60.5	48.2	40	0															0					07-08
08 50	26.770	64.3	51.0	40	0															0					08-09
09 46	26.770	66.9	51.3	34	0															0	1	.010			09-10
10 52	26.770	69.9	52.2	29	0															0					10-11
11 45	26.740	74.4	54.0	25	0															0					11-12
12 46	26.720	75.0	54.4	25	0															0	8	.050			12-13
13 47	26.700	75.6	53.2	21	0															0					13-14
14 48	26.680	76.2	54.1	22	0															0					14-15
15 49	26.675	74.9	53.1	21	0															0	6	.045			15-16
16 50	26.670	67.0	54.1	44	0															0					16-17
17 47	26.675	62.7	51.0	45	0															0					17-18
18 47	26.680	57.0	49.0	57	0															0	3	.005			18-19
19 47	26.680	55.2	47.5	57	0															0					19-20
20 49	26.695	53.0	46.5	62	0															0					20-21
21 45	26.695	52.9	45.5	58	0															0	1	.045			21-22
22 48	26.685	51.3	45.2	63	0															0					22-23
23 48	26.680	53.1	45.0	54	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0543	X	0	0	X	52	49	X	X						X		
	0543	1	0	0	0	54	49		0								
	0940	2	0	0	0	68	49		0								
	1543	3	0	0	0	77	66		0								
	2140	4	0	0	0	76	52		0								
	MID.	X	0	0	0	54	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.675	26.695
BAROGRAPH 64	26.750	26.770	26.675	26.695
BAR. CORR. 65	-.010	-.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	49	0	0	0	17	NE	0137					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 1140P (+) / Sec. / 2147 (-) 0 Sec. / ± Sec.

RS 00
SP 00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 NOV 8

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) 3	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. NIKS (15)
SA	0047	CLR	20			208	51	42	12	03		021	002	SEA
SA	0147	CLR	20			202	49	43	12	03		019		SEA
SA	0250	CLR	20			195	50	41	10	04		018		SEA
SA	0350	CLR	20			194	49	43	06	06		016	612 49 RADAT 23138	008
SA	0449	CLR	20			194	55	35	05	10		016		008
SA	0547	CLR	20			194	55	36	25	04		016		008
SA	0650	CLR	20			205	56	37	04	06		018	307	008
SA	0752	CLR	20			207	61	36	04	11		019		008
SA	0850	CLR	20			206	64	39	14	05		019		008
SA	0946	CLR	20			206	67	37	12	08		019	103 49	008
SA	1052	CLR	20			206	70	36	11	07		019		008
SA	1145	CLR	20			190	74	36	11	07		016		008
SA	1246	CLR	20			184	75	37	15	09		014	817	008
SA	1347	CLR	20			176	76	32	14	06		012		008
SA	1448	CLR	20			168	76	35	11	06		010		008
SA	1549	CLR	20			167	75	33	15	04		010	615 77 RADAT 20136	SEA
SA	1650	CLR	20			167	67	44	00	00		009		SEA
SA	1747	CLR	20			170	63	41	09	05		010		SEA
SA	1847	CLR	20			175	57	42	06	04		010	302	SEA
SA	1947	CLR	20			174	55	40	00	00		010		SEA
SA	2049	CLR	20			178	53	40	09	03		012		SEA
SA	2145	CLR	20			177	53	38	36	05		012	105 77	SEA
SA	2248	CLR	20			173	51	39	07	02		011		SEA
SA	2348	CLR	20			167	53	37	12	04		010		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6$RRRt_R$ 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 4

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.675	50.0	43.9	62	0															0	7	.020			00-01
01 48	26.680	47.8	43.9	75	0															0					01-02
02 47	26.670	46.1	43.0	79	0															0					02-03
03 50	26.660	46.8	43.0	74	0															0	8	.015			03-04
04 49	26.645	47.6	42.0	64	0															0					04-05
05 50	26.645	44.3	41.1	77	0															0					05-06
06 47	26.655	50.5	42.1	50	10	10	ci	250												1	5	.005			06-07
07 51	26.675	54.0	45.0	50	7															1					07-08
08 52	26.670	60.8	49.1	43	4															1					08-09
09 46	26.670	66.2	51.0	35	4	4	ci	250												1	2	.045			09-10
10 51	26.650	70.8	51.6	25	5															1					10-11
11 45	26.630	72.4	52.0	23	4															1					11-12
12 45	26.610	73.5	52.4	22	5	5	ci	250												2	7	.060			12-13
13 45	26.600	73.4	52.4	22	7															5					13-14
14 45	26.580	74.8	53.4	22	10															7					14-15
15 52	26.575	74.0	52.9	23	9	0	~~SC~~	250	9	CI	280	9								4	6	.035			15-16
16 47	26.580	69.0	50.1	24	5															2					16-17
17 45	26.585	63.8	49.3	35	3															2					17-18
18 45	26.585	60.8	47.9	38	1	1	CI	280												0	0	.010			18-19
19 45	26.595	57.7	47.3	46	0															0					19-20
20 45	26.610	56.0	46.5	49	0															0					20-21
21 45	26.610	53.8	45.5	53	2	2	CI	300												0	1	.025			21-22
22 45	26.610	53.8	45.4	53	2															1					22-23
23 45	26.610	53.0	45.2	55	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341		0	0		53	45										
	0341	1	0	0	0	54	45		0								
	0943	2	0	0	0	68	43		0								
	1545	3	0	0	0	76	66		0								
	2140	*	0	0	0	74	53		0								
	MID.		0	0	0	55	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.670	26.575	26.610
BAROGRAPH 64	26.680	26.690	26.565	26.610
BAR. CORR. 65	-.020	-.020	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNALTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	43	0	0	0	16	SW	1603					6	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0651P +1 Sec. / 2148PST (±)0 Sec. / ± Sec.

0946P/205/051P

SP-00

RS-00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 4

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			166	50	38	11	03		010	707	SEA
SA	0148	CLR	20			170	48	40	10	03		010		SEA
SA	0247	CLR	20			167	46	40	09	02		009		SEA
SA	0350	CLR	20			163	47	39	12	03		007	805 45 RADAT 20142	008
SA	0449	CLR	20			161	48	36	01	04		006		008
SA	0550	CLR	20			165	44	38	01	03		006		008
SA	0647	250 - OVC	20			168	51	33	24	02		007	502 1001	008
SA	0751	250 - BKN	20			175	54	36	09	02		009		008
SA	0852	250 - SCT	20			171	61	38	20	03		008		008
SA	0946	250 - SCT	20			168	66	37	13	01		008	202 1001 ~~28~~ 43	008
SA	1051	250 - SCT	20			159	71	33	25	03		006		008
SA	1145	250 - SCT	20			149	72	33	23	04		004		008
SA	1245	250 - SCT	20			142	74	33	22	06		002	720 1001	008
SA	1345	E 250 BKN	20			141	73	33	23	02		001		008
SA	1445	E 250 OVC	20			133	75	34	20	07		998		008
SA	1552	280 - BKN	20			130	74	33	24	10		999	612 100 2 76 RADAT 20135	SEA
SA	1647	280 - SCT	20			135	69	31	23	08		999		SEA
SA	1745	280 - SCT	20			146	64	35	15	07		001		SEA
SA	1845	280 - SCT	20			140	61	35	12	03		000	003 1001	SEA
SA	1945	CLR	20			144	58	37	14	04		001	FEW CI	SEA
SA	2045	CLR	20			146	56	37	09	03		003	FEW CI	SEA
SA	2145	300 - SCT	20			145	54	37	03	04		003	108 1001 76	SEA
SA	2245	300 - SCT	20			141	54	37	11	04		003	FEW AC DSNT SE	SEA
SA	2345	300 - SCT	20			141	53	37	05	04		003		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 5

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.610	51.4	44.2	58	1	1	CI	300												0	4	.000			00-01
01 51	26.605	49.1	43.8	67	2															0					01-02
02 49	26.600	48.1	43.0	67	0															0					02-03
03 52	26.600	48.0	43.0	68	0															0	6	.010			03-04
04 46	26.610	48.8	43.1	64	0															0					04-05
05 50	26.630	45.9	42.3	75	3															1					05-06
06 50	26.650	54.1	43.3	41	7	7	CI	250												2	3	.050			06-07
07 46	26.640	53.3	46.0	58	4															3					07-08
08 50	26.665	60.7	49.4	45	7															2					08-09
09 46	26.665	65.0	50.8	37	8	8	CI	250												3	3	.015			09-10
10 48	26.660	68.8	53.0	35	6															2					10-11
11 50	26.630	70.1	53.1	32	3															1					11-12
12 49	26.610	71.2	53.3	30	3	3	CI	250												1	7	.055			12-13
13 48	26.600	71.9	54.1	31	10															1					13-14
14 45	26.610	71.6	53.1	28	10															1					14-15
15 51	26.610	70.8	52.2	27	6	6	CI	250												1	5	.000			15-16
16 51	26.625	66.9	50.0	29	9															1					16-17
17 50	26.640	60.1	49.1	46	7															1					17-18
18 52	26.655	58.1	48.0	48	0	0	CI	250												0	2	.045			18-19
19 54	26.660	57.3	47.0	47	0															0					19-20
20 49	26.680	53.9	47.1	61	0															0					20-21
21 48	26.675	53.0	46.8	64	0	0	CI	250												0	0	.020			21-22
22 49	26.680	52.7	45.9	60	0															0					22-23
23 48	26.685	50.8	45.6	68	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	43	X	X						X		
	0345	1	0	0	0	55	43		0								
	0941	2	0	0	0	65	43		0								
	1545	3	0	0	0	74	65		0								
	2142	4	0	0	0	71	52		0								
	MID.	X	0	0	0	53	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0945	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.665	26.610	26.675
BAROGRAPH 64	26.591	26.665	26.605	26.660
BAR. CORR. 65	+.009	±0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	43	0	0	0	10	SW	1622					7	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0951P @ / Sec. / 1956P @ / Sec. / ± Sec.

1000P - CHANGED BAROGRAM
1954P / 1954P

SP=00
RS=00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 5

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. AGENCY (15)
SA	0049	300-SCT	20			141	51	37	04	05		003	400 1001	SEA
SA	0151	300-SCT	20			141	49	38	26	02		002		SEA
SA	0249	CLR	20			140	48	38	17	02		002	FEW C1	SEA
SA	0352	@ CLR	20			140	48	38	04	04		002	603 43 RADAT 52127	008
SA	0446	@ CLR	20			146	49	37	03	03		003		008
SA	0550	250-SCT	20			154	46	39	11	06		003		008
SA	0650	250-BKN	20			163	54	31	09	05		006	317 1001	008
SA	0746	250 SCT	20			161	53	39	32	07		005		008
SA	0850	250-BKN	20			167	61	39	28	02		008		008
SA	0946	250-BKN	20			166	65	38	24	02		008	305 1001 43	008
SA	1048	250-BKN	20			162	69	40	23	05		007		008
SA	1150	250-SCT	20			151	70	39	22	05		004		008
SA	1249	250-SCT	20			143	71	38	12	02		002	719 1001	008
SA	1348	250-OVC	20			140	72	39	11	03		001		008
SA	1445	250-OVC	20			144	72	37	18	03		002		008
SA	1551	250-BKN	20			144	71	35	29	03		003	500 1001 74 RADAT 62133	SEA
SA	1651	250-BKN	20			153	67	34	26	05		004		SEA
SA	1750	250-BKN	20			164	60	39	00	00		006		SEA
SA	1852	CLR	20			167	58	39	09	04		008	FEW C1 / 215 1001	SEA
SA	1954	CLR	20			168	57	37	10	05		008	~~CCW LTG~~ FEW C1	SEA
SA	2049	CLR	20			174	54	41	12	03		010		SEA
SA	2148	CLR	20			171	53	41	05	02		010	FEW C1 DSNT SW/CX11 1001 74	SEA
SA	2249	CLR	20			170	53	39	08	05		010		SEA
SA	2348	CLR	20			173	51	41	05	04		011		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 6

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.685	50.9	45.0	64	0															0	1	.010			00-01
01 48	26.690	48.2	44.8	78	0															0					01-02
02 45	26.695	48.1	44.2	74	0															0					02-03
03 54	26.700	46.2	44.0	55	0															0	2	.015			03-04
04 59	26.700	45.1	43.0	85	0															0					04-05
05 49	26.710	44.8	42.7	85	0															0					05-06
06 50	26.730	47.4	44.0	78	0															0	3	.030			06-07
07 51	26.740	53.2	46.8	63	0															0					07-08
08 49	26.735	60.1	49.8	49	0															0					08-09
09 52	26.735	65.3	53.8	48	0	0	CS	250												0	1	.005			09-10
10 46	26.720	69.2	54.0	37	0															0					10-11
11 49	26.695	71.0	54.1	33	0															0					11-12
12 47	26.670	72.2	54.0	30	0															0	7	.065			12-13
13 47	26.650	74.2	55.2	29	0															0					13-14
14 50	26.650	73.8	55.0	29	1															0					14-15
15 51	26.640	72.3	54.0	30	7	7	CI	250												0	7	.030			15-16
16 52	26.635	66.5	52.0	37	8															0					16-17
17 50	26.640	59.6	50.8	55	4															1					17-18
18 50	26.645	57.8	49.6	57	1	1	CI	250												0	3	.005			18-19
19 51	26.645	56.7	49.0	59	0															0					19-20
20 51	26.640	55.8	48.7	61	0															0					20-21
21 51	26.640	53.1	48.0	70	0	0	CI	250												0	6	.005			21-22
22 48	26.635	52.0	47.5	73	0															0					22-23
23 51	26.625	50.9	47.2	77	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	51	45	X	X						X		
	0348	1	0	0	0	53	45		0								
	0948	2	0	0	0	67	44		0								
	1546	3	0	0	0	74	65		0								
	2145	4	0	0	0	73	53		0								
	MID.	X	0	0	0	54	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.735	26.640	26.640
BAROGRAPH 64	26.690	26.725	26.620	26.625
BAR. CORR. 65	+.010	+.010	+.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	44	0	0	0	11	SW	1451					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0900P ⊕ 1 Sec. / 1753PST ⊕ 0 Sec. / ± Sec.

1750P / 1750P 2514 / 2511

SP=00
RS=00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 6

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0046	CLR	20			173	51	39	10	03		011	103	SEA
SA	0148	CLR	20			175	48	42	08	02		012		SEA
SA	0245	CLR	20			177	48	40	33	01		012		SEA
SA	0354	CLR	20			181	46	42	32	02		012	205 45 RADAT 54133	CRD
SA	0459	CLR	20			185	45	41	33	02		012		CRD
SA	0549	CLR	20			191	45	41	33	04		013		CRD
SA	0650	CLR	20			198	47	41	06	03		015	310	CRD
SA	0751	CLR	20			200	53	41	31	03		016		CRD
SA	0849	CLR	20			197	60	41	34	04		016	Cs NW	CRD
SA	0952	CLR	20			194	65	45	22	03		016	102 1008 44	CRD
SA	1046	CLR	20			187	69	42	29	03		014	CS NW	CRD
SA	1149	CLR	20			177	71	40	25	09		012		CRD
SA	1247	CLR	20			167	72	39	27	10		008	722	CRD
SA	1347	CLR	20			159	74	40	24	05		006	CS NW	CRD
SA	1450	250-SCT	20			160	74	40	20	08		006		CRD
SA	1551	250-BKN	20			156	72	39	22	05		006	710 1006 74 RADAT 42134	SEA
SA	1652	250-BKN	20			159	67	40	25	04		005		SEA
SA	1750	250-~~BKN~~ SCT	20			165	60	44	09	02		006		SEA
SA	1850	250-SCT	20			167	58	43	04	04		007	302 1001	SEA
SA	1951	CLR	20			164	57	42	08	03		009	FEW CI SE	SEA
SA	2057	CLR	20			158	56	43	09	03		006	FEW CI	SEA
SA	2151	CLR	20			157	53	44	08	02		006	FEW CI SW-NW/602 1001	SEA
SA	2248	CLR	20			154	52	44	00	00		005	FEW CI SW-NW	SEA
SA	2351	250-SCT	20			150	51	44	00	00		004		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 7

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.615	50.8	47.1	77	1	1	CI	250												0	7	.025			00-01
01 47	26.605	50.0	46.5	78	1															0					01-02
02 52	26.585	49.8	46.5	80	1															0					02-03
03 53	26.580	49.6	46.5	80	2	2	CI	250												0	7	.035			03-04
04 50	26.570	47.2	45.4	88	4															1					04-05
05 51	26.560	46.3	45.0	91	6															3					05-06
06 51	26.560	47.7	45.9	88	7	1	ACSL	180	6	CS	E250	7								4	6	.020			06-07
07 52	26.570	50.9	47.5	79	5															3					07-08
08 50	26.560	56.8	49.4	60	5															3					08-09
09 48	26.540	61.9	52.3	54	7	0	CU	70	1	ACSL	180	1	6	CS	250	7				3	8	.020			09-10
10 50	26.510	66.6	53.3	42	7															3					10-11
11 46	26.480	66.2	53.2	43	9															7					11-12
12 48	26.455	69.3	54.0	37	10	2	SC	90	5	AC	E120	7	3	CS	250	10				9	7	.085			12-13
13 51	26.430	71.7	55.2	35	10															9					13-14
14 50	26.420	70.2	54.6	36	10															9					14-15
15 48	26.420	68.7	53.9	38	10	10	AC	E100												10	6	.035			15-16
16 57	26.440	67.9	53.5	39	10															10					16-17
17 48	26.465	63.0	54.1	57	10															10					17-18
18 52	26.400	62.2	51.0	47	10	4	CUFRA	40	10	AC	E80	10								10	8	.020			18-19
19 48	26.400	62.6	50.3	42	10															10					19-20
20 49	26.400	66.0	49.3	29	10															3					20-21
21 49	26.430	63.2	48.7	34	4	0	AC	90	4	CI	250	4								0	3	.030			21-22
22 49	26.445	58.8	46.6	39	7															1					22-23
23 50	26.475	55.9	44.6	40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		51	48										
	0349	1	0	0	0	54	48		0								
	0946	2	0	0	0	63	46		0								
	1541	3	T	0	0	72	62		0								
	2141	4	.05	0	0	69	59		1								
	MID.		0	0	0	64	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0947	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.540	26.420	26.430
BAROGRAPH 64	26.555	26.525	26.405	26.405
BAR. CORR. 65	+.025	+.015	+.015	+.025*

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	46	.65	0	0	30	SW	1759					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1240	1305			
RW-	1657	1814			
[illegible]	[illegible]	1509			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0800P ± 1 Sec. / 2217PST ± 1 Sec. / ± Sec.

1809816GP

*MICROBAROGRAPH RESET TO ZERO CORRECTION

SP = 3

RS = 0

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 7

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SOURCE (15)
SA	0049	250-SCT	20			145	51	44	00	00		003	70B 1001	SEA
SA	0147	250-SCT	20			141	50	43	10	05		002		SEA
SA	0252	250-SCT	20			133	50	44	10	02		000		SEA
SA	0353	250-SCT	20			132	50	44	14	05		998	712 1001 46 RADAT 44130	CRD
SA	0450	250-SCT	20			133	47	44	11	04		997		CRD
SA	0551	250-BKN	20			132	46	44	04	03		996		CRD
SA	0651	180SCT E250BKN	20			133	48	44	01	03		996	ACSL SE/607 1048	CRD
SA	0752	250 SCT	20			131	51	45	36	03		997	ACSL SE	CRD
SA	0850	250 SCT	20			129	57	43	29	03		996	ACSL SE	CRD
SA	0948	180SCT 250-BKN	20			122	62	45	34	06		994	CU ACSL SE/807 1148 46	CRD
SA	1050	140 SCT 250-BKN	20			107	67	43	34	04		991	ACSL SE	CRD
SA	1146	140SCT E250 BKN	20			099	66	43	36	03		997	ACSL SE	CRD
SA	1248	90SCTE120BKN 2500VC	20		RW-	086	69	42	18	15 G22		995	RB40 /72900 1577	CRD
SA	1351	90SCTE120BKN 2500VC	20			077	72	42	20	12 G22		992	RE05 RWY SE VIRGA N	CRD
SA	1450	90SCTE120BKN 2500VC	20			072	70	42	20	15 G22		981	BINOVC	CRD
SA	1548	E100 OVC	20			073	69	42	21	10 G18		982	BINOVC SE HIR CLDS VSBL	SEA
/	/										/		61200 1071 72 RADAT 46116	/
SA	1657	45SCTE100BKN 2500VC	20		RW-	082	68	42	24	16		984	RB51 VRY LGT	SEA
SP	1732	E45BKN 1000VC	20		TRW-				21	10		986	TB30 NW MOVG E OCNL	SEA
/	/										/		LTG IC NW-N	/
SA	1748	E45BKN100 OVC	12		TRW-	095	63	48	22	06		987	TB30 OVHD-N MOVG E	SEA
/	/										/		OCNL LTG IC OVHD-N PRESRR	/
SP	1809	E40 OVC	15		RW-				15	20 G30		981	TE09 MOVD E WSHFT 0750	SEA
/	/										/		PRESFR	/
SA	1852	40SCTE80 OVC	20			070	62	42	08	12		980	TE09 MOVD E RE14 GRDL	SEA
/	/										/		BCKG WND/8L705 1771	/
SA	1948	E90 OVC	20			068	63	39	32	02		980	WND LGT VRBL FEW CUFRA 40	SEA
SP	2029	90SCT 250-BKN	20						20	18 G25		980	WSHFT 12	SEA
SA	2049	90SCT 250-OVC	20			063	66	33	20	17 G24		980		SEA
SA	2149	250-SCT	20			073	63	34	25	13		983	FEW AC SE GRDL VRNG WND/	SEA
/	/										/		31005 1071 72	/
SA	2249	250-BKN	20			078	59	34	31	02		984	WND LGT VRBL	SEA
SA	2350	CLR	20			093	56	32	05	03		988	OCNL LTG DSNT NE FEW CI SE	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 8

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.480	51.7	42.0	44	0	0	CI	250												0	1	.050			00-01
01 49	26.515	49.5	39.5	40	0															0					01-02
02 53	26.550	49.0	39.5	42	9															9					02-03
03 50	26.570	48.2	38.0	38	9	9	Ac	E70												9	1	.090			03-04
04 48	26.590	46.8	36.7	36	6															6					04-05
05 47	26.620	45.5	35.5	35	0															0					05-06
06 48	26.670	44.0	35.0	39	0															0	3	.100			06-07
07 50	26.695	47.5	35.8	28	0															0					07-08
08 50	26.700	48.2	36.0	26	0															0					08-09
09 51	26.715	50.3	36.5	21	1	1	CI	250												1	3	.045			09-10
10 48	26.710	53.4	38.0	18	0															0					10-11
11 50	26.680	56.0	38.0	11	0															0					11-12
12 50	26.680	55.8	38.5	13	0	0	CI	250												0	6	.035			12-13
13 55	26.675	57.7	39.4	12	1															0					13-14
14 50	26.675	57.0	38.7	11	7															2					14-15
15 57	26.690	56.3	38.5	12	3	3	CI	250												1	3	.010			15-16
16 48	26.695	53.0	36.0	10	1															0					16-17
17 52	26.720	48.0	34.1	17	1															1					17-18
18 47	26.740	46.5	33.0	16	2	2	CI	250												1	3	.030			18-19
19 49	26.765	45.5	32.9	20	3															1					19-20
20 47	26.760	45.4	32.6	16	5															1					20-21
21 52	26.765	44.0	32.7	25	0	0	CI	250												0	1	.025			21-22
22 49	26.780	41.1	30.8	27	0															0					22-23
23 51	26.795	39.3	29.3	27	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		56	48										
	0344	1	0	0	0	64	48		0								
	0945	2	0	0	0	50	44		0								
	1544	3	0	0	0	58	50		0								
	2145	4	0	0	0	57	42		0								
	MID.		0	0	0	44	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1550	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.715	26.690	26.765
BAROGRAPH 64	26.550	26.720	26.710	26.770
BAR. CORR. 65	+.020	-.005	-.020	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	38	0	0	0	30	NE	0512					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0800 P @ /Sec./ 2100 P @ /Sec./ ± Sec.

0149B 0149P
0350/0350P
2357B 00/0010P

SP 0
RS 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 8

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			095	52	31	35	07		988	OCNL LTG DSNT NE FEW CI	SEA
													SE/ 117 1001	
SA	0149	CLR	20			108	50	26	03	22	G28	992	~~#~~ FROPA 08 FEW CI NW AND	SEA
													SE PRESRR	
SA	0253	E70 BKN 250 BKN	20			122	49	27	04	18	G28	996	20005	SEA
SA	0350	E 70 BKN	20			131	48	~~26~~ 24	05	15	G22	997	130 1070 48 RADAT	EP
													55083	
SA	0448	E 70 BKN	20			141	47	22	03	17	G28	999		EP
SA	0547	CLR	20			155	46	19	05	15	G24	003		EP
SA	0648	CLR	20			175	44	21	04	14		008	334	EP
SA	0750	CLR	20			183	48	16	04	14		011		EP
SA	0850	CLR	20			183	48	15	02	12		012		EP
SA	0951	250 SCT	20			189	50	12	03	15		013	315 1001 44	EP
SA	1048	CLR	20			186	53	11	05	12		013		EP
SA	1150	CLR	20			175	56	2	03	14		010		EP
SA	1250	CLR	20			178	56	6	03	16		010	612 1001	EP
SA	1355	250 - SCT	20			176	58	6	03	14		009		EP
SA	1450	250 - BKN	20			177	57	3	03	14		009		EP
SA	1551	250 - SCT	20			183	56	4	03	07		012	303 1001 58 RADAT	SEA
													20L077102125	
SA	1648	250 - SCT	20			189	53	-2	10	09		012		SEA
SA	1752	250 SCT	20			200	48	5	11	10		015		SEA
SA	1847	250 - SCT	20			211	47	3	06	06		017	317 1001	SEA
SA	1949	250 - SCT	20			219	46	6	05	09		020		SEA
SA	2047	250 - SCT	20			216	46	3	08	01		019		SEA
SA	2152	CLR	20			218	44	10	13	08		020	108 1002 ~~SH~~ 64	SEA
SA	2249	CLR	20			223	41	~~19~~ 9	25	02		021	WND LGT VRBL FEW CI	SEA
SA	2351	CLR	20			229	39	~~10~~ 8	01	03		023	FEW CI (OK 0810)	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 9

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.795	39.9	29.6	26	1	1	CI	250												0	1	.030			00-01
01 49	26.800	40.7	30.6	28	4															1					01-02
02 51	26.800	40.4	30.0	26	10															7					02-03
03 50	26.790	41.0	29.9	22	10	6	AC	E120	10	CS	250	10								9	8	.005			03-04
04 52	26.790	41.9	31.8	30	10															9					04-05
05 49	26.790	43.5	33.5	32	10															8					05-06
06 48	26.790	44.4	33.8	30	9	6	AC	E120	8	CS	250	9								7	4	.000			06-07
07 46	26.800	48.3	35.6	24	10															6					07-08
08 46	26.790	50.0	36.5	22	10															8					08-09
09 45	26.780	51.5	37.0	19	9	1	ACSL	150	9	CI	E250	9								8	8	.010			09-10
10 45	26.775	53.8	38.3	18	9															9					10-11
11 45	26.745	55.7	39.1	16	8															7					11-12
12 49	26.730	55.5	38.5	14	8	4	AC	150	5	CI	E250	8								6	8	.050			12-13
13 50	26.720	57.9	40.5	16	8															6					13-14
14 50	26.720	57.2	40.3	17	8															7					14-15
15 51	26.715	55.8	39.0	15	10	6	AC	E140	8	CI	250	10								6	7	.015			15-16
16 48	26.720	54.3	38.0	15	10															8					16-17
17 49	26.735	53.2	37.4	16	10															10					17-18
18 51	26.730	52.4	37.2	17	10	2	AC	80	6	AC	E140	8	2	CI	250	10				10	0	.015			18-19
19 48	26.730	52.0	37.1	18	10															10					19-20
20 50	26.725	52.7	37.1	16	10															9					20-21
21 46	26.725	51.1	37.0	21	10	6	AC	E140	10	CS	250	10								6	6	.005			21-22
22 48	26.720	50.2	36.0	19	10															8					22-23
23 49	26.720	49.9	36.7	23	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	42	37	X	X						X		
	0342	1	0	0	0	44	37		0								
	0941	2	0	0	0	52	41		0								
	1545	3	0	0	0	58	52		0								
	2140	4	0	0	0	56	51		0								
	MID.	X	0	0	0	52	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0942	1549	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.780	26.715	26.725
BAROGRAPH 64	26.745	26.800	26.720	26.725
BAR. CORR. 65	-.005	-.020	-.005	±.000

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	37	0	0	0	15	E	0825					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0930P ⊕ 0 Sec./ 2350PST ⊕ 1 Sec./ ± Sec.

SP 0

RS 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 9

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0049	250 - SCT	20			229	40	7	00	00		023	110 1001	SEA
SA	0149	250 - SCT	20			230	41	10	06	04		024		SEA
SA	0251	E250 OVC	20			231	40	8	06	07		024	OVC PTLY THN	SEA
SA	0350	E120 BKN 250 OVC	20			227	41	5	12	09		023	602 1077 37 RADAT 26122	SEA
SA	0452	E120 BKN 250 OVC	20			226	42	13	25	03		023		EP
SA	0549	120 SCT E250 OVC	20			228	44	16	33	06		022		EP
SA	0648	E120 BKN 250 BKN	20			229	44	15	04	08		022	400 1078	EP
SA	0746	150 SCT E250 OVC	20			231	48	13	04	08		023		EP
SA	0846	150 SCT E250 OVC	20			226	50	13	14	12		022		EP
SA	0945	150 SCT E250 BKN	20			223	52	11	11	11		021	ACSL SE/803 1042 37	EP
SA	1045	150 SCT E250 BKN	20			221	54	11	14	10		020	ACSL SE	EP
SA	1145	150 SCT E250 BKN	20			210	56	11	12	08		016		EP
SA	1249	150 SCT E250 BKN	20			205	56	7	13	07		015	817 1072	EP
SA	1350	E150 BKN 250 BKN	20			198	58	12	13	09		014		EP
SA	1450	E150 BKN 250 BKN	20			199	57	13	15	06		014		EP
SA	1551	E140 BKN 250 OVC	20			198	56	9	13	09		014	ACSL/CCSL OMTNS SE BINOK	SEA
/	/											/	SE/ 705 1041 58 RADAT 70125	/
SA	1648	E140 BKN 250 OVC	20			200	54	8	12	05		015	ACSL/CCSL OMTNS SE OVC	SEA
/	/											/	PTLY THN	/
SA	1749	E140 BKN 250 OVC	20			205	53	8	11	09		016		SEA
SA	1851	80 SCT E140 BKN 250 OVC	20			204	52	9	11	07		016	005 1072	SEA
SA	1948	80 SCT E140 OVC	20			202	52	10	12	10		016		SEA
SA	2050	E80 BKN 140 BKN 250 OVC	20			198	53	8	10	06		015	THN SPOTS 10VC	SEA
SA	2146	E140 BKN 250 OVC	20			198	51	12	13	05		015	OVC PTLY THN/602 1077 58	SEA
SA	2246	E140 BKN 250 OVC	20			196	50	9	11	09		015		SEA
SA	2349	E140 BKN 250 OVC	20			195	50	14	07	03		015		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Ndd(f)f $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 10

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.705	49.6	35.4	18	3	0	AC	140	3	CI	250	3								1	8	.020			00-01
01 49	26.705	44.5	34.2	33	2															1					01-02
02 50	26.680	43.8	33.0	28	1															1					02-03
03 52	26.690	43.1	33.1	32	7	7	CI	E250												7	5	.015			03-04
04 53	26.690	42.1	33.0	36	2															2					04-05
05 50	26.690	41.6	32.1	32	1															1					05-06
06 48	26.690	42.8	32.3	28	1	0	CU	80	0	AC	140	0	1	CI	250	1				1	4	.000			06-07
07 47	26.700	49.3	35.6	20	3															1					07-08
08 46	26.700	53.8	37.8	16	8															1					08-09
09 49	26.690	57.2	40.7	19	7	0	AC	160	7	CS	250	7								1	0	.000			09-10
10 45	26.670	61.3	41.1	10	5															3					10-11
11 48	26.630	62.3	42.8	14	8															6					11-12
12 52	26.620	64.6	43.4	11	10	4	AC	160	6	CS	E250	10								8	6	.070			12-13
13 46	26.600	64.0	44.0	15	10															8					13-14
14 50	26.580	65.0	45.0	16	10															8					14-15
15 50	26.575	63.4	43.2	13	9	4	AC	160	5	CS	E250	9								6	6	.045			15-16
16 50	26.575	58.4	41.0	17	8															6					16-17
17 50	26.575	56.9	40.7	20	8															4					17-18
18 50	26.575	56.8	41.1	22	8	3	AC	160	5	CS	250	8								4	4	.000			18-19
19 50	26.580	61.2	42.8	17	10															6					19-20
20 50	26.565	63.4	44.0	16	10															8					20-21
21 50	26.550	64.8	43.9	13	9	6	AC	E140	3	CS	250	9								7	8	.025			21-22
22 50	26.550	65.3	45.0	15	9															7					22-23
23 50	26.550	65.0	45.0	16	9															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		50	43										
	0350	1	0	0	0	52	43		0								
	0945	2	0	0	0	57	40		0								
	1546	3	0	0	0	67	57		0								
	2146	4	0	0	0	65	55		0								
	MID.		0	0	0	65	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.690	26.575	26.550
BAROGRAPH 64	26.690	26.690	26.565	26.545
BAR. CORR. 65	±.0	±.0	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	40	0	0	0	31	5	2114					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0749P @ 0 Sec./ 2013P @ 0 Sec./ ± Sec.

0952P/0352P 1252/10/1250 2150/121/0010

SP = 0

RS = 0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 10

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. REVIEWED (15)
SA	0048	250-SCT	20			189	50	8	10	06		013	FEW AC/ 807 1071	SEA
SA	0149	250-SCT	20			191	46	17	01	04		013		SEA
SA	0250	250 SCT	20			192	44	13	06	06		010		SEA
SA	0352	E 250 BKN	20			187	43	15	36	02		011	~~400~~ 505 1001 43 RAHT 84112	JK
SA	0453	250 SCT	20			189	42	17	03	07		011		JK
SA	0550	250 SCT	20			189	42	14	08	05		011		JK
SA	0648	250 SCT	20			189	43	12	09	06		011	400 1171	JK
SA	0747	250-SCT	20			189	49	10	11	06		012	AC W	JK
SA	0846	250-BKN	20			187	54	9	10	05		012		JK
SA	0949	250-BKN	20			183	57	14	35	03		011	000 1076 40	JK
SA	1045	250 SCT	20			173	61	5	12	14		009		JK
SA	1148	160 SCT E250 BKN	20			158	62	13	13	11		004		JK
SA	1252	160 SCT E 250 OVC	20			153	65	20	13	08		003	624 1077	JK
SA	1346	E160 BKN 250 OVC	20			147	64	15	14	08		001		JK
SA	1450	E160 BKN 250 OVC	20			139	65	18	12	06		999		JK
SA	1550	160 SCT E 250 BKN	20			134	63	12	12	16		998	615 1078 67 RADAT 74126	WRC
SA	1650	160 SCT E250 BKN	20			142	58	13	11	08		998		WRC
SA	1750	160 SCT 250 - BKN	20			143	57	16	19	06		998		WRC
SA	1850	160 SCT 250 - BKN	20			141	57	18	14	08		998	400 1078	WRC
SA	1950	160 SCT E250 OVC	20			137	61	16	12	07		998		WRC
SA	2050	E160 BKN 250 OVC	20			129	63	16	19	12	G20	997		WRC
SA	2150	E140 BKN 250 BKN	20			121	65	12	19	12	G19	995	804 1078 67	WRC
SA	2250	E140 BKN 250 BKN	20			118	65	17	21	14	G25	995		WRC
SA	2350	140 SCT 250 - BKN	20			118	65	18	20	14	G22	995		WRC

A synoptic observation, in WHO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 83 NOV 11

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.555	64.4	44.7	16	8	2	Ac	140	6	Cs	250	8								4	3	0.05			00-01
01 50	26.530	64.6	43.7	13	8															4					01-02
02 50	26.510	63.3	43.2	13	7															3					02-03
03 50	26.480	63.8	42.8	11	4	1	Ac	140	3	Cs	250	4								3	8	.075			03-04
04 49	26.480	62.0	42.0	12	2															2					04-05
05 45	26.480	63.0	43.5	15	7															5					05-06
06 48	26.480	62.1	44.0	19	2	2	Ac	120												2	4	.000			06-07
07 50	26.490	62.5	45.1	22	1															1					07-08
08 50	26.480	64.7	48.2	28	1															1					08-09
09 49	26.500	67.0	51.0	32	3	3	Ac	100												3	3	.020			09-10
10 45	26.500	67.2	52.1	36	2															2					10-11
11 52	26.490	68.3	53.8	39	2															2					11-12
12 50	26.490	68.6	53.6	37	4	2	Sc	80	2	Ac	100	4								4	6	.010			12-13
13 46	26.480	68.2	53.8	39	3															3					13-14
14 50	26.460	69.1	54.2	38	2															2					14-15
15 50	26.460	66.7	53.9	44	2	2	Sc	80												2	6	.030			15-16
16 50	26.475	64.2	53.0	48	1															1					16-17
17 50	26.485	64.0	53.2	50	2															2					17-18
18 50	26.485	63.4	53.0	51	1	1	Sc	80												1	1	.025			18-19
19 50	26.510	63.0	53.0	53	1															1					19-20
20 50	26.520	62.4	52.9	54	1															1					20-21
21 50	26.530	61.1	52.5	57	2	2	Sc	80												2	1	.045			21-22
22 50	26.540	62.0	52.2	53	1															1					22-23
23 50	26.540	60.9	52.2	57	1															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	65	62	X	X						X		
	0346	1	0	0	0	65	62		0								
	0945	2	0	0	0	67	61		0								
	1546	3	0	0	0	71	67		0								
	2146	4	0	0	0	67	61		0								
	MID.	X	0	0	0	62	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.500	26.460	26.530
BAROGRAPH 64	26.460	26.490	26.455	26.520
BAR. CORR. 65	+.020	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	60	0	0	0	42	SW	0921					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0810 P (±) 0 Sec./ 2310 P (±) 0 Sec./ ± Sec.

0949P/55/1250P

SP= 0

RS= 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 11

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's Mil) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQUENCE NUMBER (14)
SA	0050	140 SCT 250 -BKN	20			118	64	18	20	18	G28	996	302 1078	WRG
SA	0150	140 SCT 250 -BKN	20			109	65	12	22	18	G28	993	PK wnd 2240/27	WRG
SA	0250	140 SCT 250 -BKN	20			102	63	12	22	18	G30	991	55	WRG
SA	0350	140 SCT 250 SCT	20			092	64	8	20	20	G31	988	825 1078 ~~62~~ RADAT 36136	JK
SA	0449	250 SCT	20			097	62	9	22	14	G27	988		JK
SA	0545	120 SCT E 250 BKN	20			095	63	15	23	14	G25	988		JK
SA	0648	120 SCT	20			096	62	19	22	22	G39	988	*400 1070* PK wnd 2239/46	JK
SA	0750	120 SCT	20			097	63	23	22	19	G38	989	PK wnd 2238/41	JK
SA	0850	120 SCT	20			092	65	31	20	31		988		JK
SA	0949	100 SCT	20			097	67	36	21	20		990	PK wnd 2242/31 / 307 1070	JK
													61.5	
SA	1045	100 SCT	20			097	67	39	22	23		990	MTN TPS OBSCD SE	JK
SA	1152	100 SCT	20			092	68	42	22	13	G27	989	MTN TPS OBSCD SE	JK
SA	1250	80 SCT 100 SCT	20			092	69	41	21	18	G39	989	603 1570	JK
SA	1346	80 SCT 100 SCT	20			088	68	42	20	23		988		JK
SA	1450	80 SCT 100 SCT	20			082	69	42	22	17		986		JK
SA	1550	80 SCT	20			082	67	44	19	20	G32	985	610 1400 71 RADAT 20124	WRG
SA	1650	80 SCT	20			090	64	44	24	14	G22	987		WRG
SA	1750	80 SCT	20			093	64	45	22	14	G22	988		WRG
SA	1850	80 SCT	20			094	63	45	23	13		988	108 1400	WRG
SA	1950	80 SCT	20			102	63	45	21	12	G26	991		WRG
SA	2050	80 SCT	20			106	62	46	20	12	G20	992		WRG
SA	2150	80 SCT	20			110	61	46	23	15	G24	993	115 1400 71	WRG
SA	2250	80 SCT	20			113	62	45	24	10	G20	994		WRG
SA	2350	80 SCT	20			113	61	46	21	13		994		

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 12

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540	60.4	53.0	63	2	2	Sc	80												2	1	.010			00-01
01 50	26.530	60.2	51.8	58	1															1					01-02
02 50	26.520	59.1	51.3	60	1															1					02-03
03 49	26.530	60.6	52.2	58	1	1	Sc	80												1	5	.010			03-04
04 48	26.530	60.2	51.2	55	1															1					04-05
05 45	26.550	59.7	50.8	55	2															2					05-06
06 45	26.570	59.1	51.6	61	2	2	Sc	20												2	3	.040			06-07
07 47	26.570	60.6	52.6	60	0															0					07-08
08 45	26.580	62.5	52.0	50	0															0					08-09
09 48	26.580	64.0	52.6	47	0	0	Cu	20												0	1	.010			09-10
10 45	26.570	66.0	52.5	41	0															0					10-11
11 45	26.550	67.5	53.1	39	1															1					11-12
12 48	26.540	68.0	52.0	33	1	0	Cu	30	1	Ac	180	1								1	7	.040			12-13
13 48	26.540	69.8	52.2	30	0															0					13-14
14 50	26.540	69.2	52.0	30	0															0					14-15
15 50	26.540	67.2	51.9	34	0	0	Cu	50												0	4	.000			15-16
16 50	26.540	64.0	50.3	38	0															0					16-17
17 50	26.540	62.0	48.9	39	0															0					17-18
18 50	26.550	62.3	49.6	41	0															0	3	.010			18-19
19 50	26.540	61.1	49.0	42	0															0					19-20
20 50	26.545	61.7	49.5	42	0															0					20-21
21 50	26.545	60.4	49.9	48	0															0	5	.005			21-22
22 50	26.545	59.5	49.7	51	0															0					22-23
23 50	26.565	59.2	49.2	50	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	61	59	X	X						X		
	0345	1	0	0	0	62	59		0								
	0945	2	0	0	0	64	58		0								
	1546	3	0	0	0	70	64		0								
	2146	4	0	0	0	67	60		0								
	MID.	X	0	0	0	61	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.540	26.575
BAROGRAPH 64	26.510	26.570	26.535	26.535
BAR. CORR. 65	+.020	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	58	0	0	0	28	SW	2310					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0715P (±) 0 Sec./ 2307P (±) 0 Sec./ ± Sec.

1450P/1450P

SP = 0

RS = 0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 NOV 12

TO CONVERT LST TO GMT
ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	80 SCT	20			113	60	48	19	12G22		994	103 1400	WRG
SA	0150	80 SCT	20			109	60	45	25	12		993		WRG
SA	0250	80 SCT	20			106	59	45	24	09		992		WRG
SA	0349	80 SCT	20			111	61	46	20	17		993	503 1400 59 RADAT 20124	JK
SA	0448	80 SCT	20			111	60	44	19	17		993		JK
SA	0545	80 SCT	20			119	60	44	21	16		996		JK
SA	0645	20 SCT	20			128	59	46	23	16		998	314 1500	JK
SA	0747	CLR	20			128	61	46	22	15		998		JK
SA	0845	CLR	20			129	63	44	23	15		999		JK
SA	0948	CLR	20			130	64	44	22	20		999	103 1100 58	JK
SA	1045	CLR	20			127	66	41	23	20		998	AC SW CU NW	JK
SA	1145	180 SCT	20			118	68	41	23	20		996	CU NW	JK
SA	1248	180 SCT	20			114	68	38	24	22		994	714 1170	JK
SA	1348	CLR	20			114	70	37	22	18		994		JK
SA	1450	CLR	20			114	69	37	21	18		994		JK
SA	1550	CLR	20			114	67	38	21	12G	20	994	400 1100 70 RADAT 39109	WRG
SA	1650	CLR	20			116	64	38	21	12		994	FEW SC SW	WRG
SA	1750	CLR	20			117	62	37	22	13		994		WRG
SA	1850	CLR	20			121	62	38	22	12G	20	995	303	WRG
SA	1950	CLR	20			117	61	38	21	12G	22	994		WRG
SA	2050	CLR	20			118	62	39	21	14		995		WRG
SA	2150	CLR	20			118	60	41	21	10G	20	995	502 70	WRG
SA	2250	CLR	20			116	60	41	21	10G	22	995		WRG
SA	2350	CLR	20			122	59	40	23	11		997		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 13

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.575	54.0	48.9	53	0															0	3	.030			00-01
01 50	26.565	55.6	48.7	62	0															0					01-02
02 50	26.560	54.5	47.0	58	0															0					02-03
03 51	26.580	53.8	47.3	63	0															0	3	.005			03-04
04 53	26.590	49.0	44.7	72	0															0					04-05
05 54	26.600	48.4	44.3	73	0															0					05-06
06 54	26.590	49.0	44.0	71	0															0	0	.010			06-07
07 53	26.590	54.2	47.4	61	0															0					07-08
08 52	26.590	58.4	48.8	51	2															0					08-09
09 54	26.580	60.8	48.2	39	5	5	Ci	200												2	8	.010			09-10
10 51	26.550	64.9	47.8	26	6															2					10-11
11 49	26.520	64.6	49.0	31	7															1					11-12
12 54	26.490	65.9	48.6	26	3	3	Ci	200												0	7	.080			12-13
13 48	26.460	65.9	49.0	28	2															0					13-14
14 47	26.440	66.6	47.2	20	6															1					14-15
15 48	26.400	64.3	43.5	12	7	7	Ci	200												3	8	.090			15-16
16 45	26.390	62.3	42.2	12	6															1					16-17
17 49	26.400	60.7	41.6	13	6															2					17-18
18 48	26.420	59.9	41.6	15	10	10	Cs	200												3	3	.020			18-19
19 48	26.430	57.5	40.9	19	10															3					19-20
20 49	26.450	55.6	40.8	24	10															2					20-21
21 49	26.490	55.2	40.6	24	10	10	Cs	200												1	3	.070			21-22
22 50	26.540	51.7	39.3	30	10															2					22-23
23 50	26.560	51.1	41.0	41	5															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	59	53	X	X						X		
	0347	1	0	0	0	61	53		0								
	0950	2	0	0	0	61	48		0								
	1544	3	0	0	0	67	61		0								
	2144	4	0	0	0	64	55		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.580	26.400	26.490
BAROGRAPH 64	26.540	26.560	26.440	26.490
BAR. CORR. 65	+.040	+.020	-.040	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	48	0	0	0	32	SW	1452					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 1021P (+) 0 Sec. / 2130 (±) 0 Sec. / ± Sec.

BARAGRAPH CHART CHANGED 1100 PST AND RESET TO ZERO COR.

SFC-0
AS-0

~~RS-0/SF-0~~

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 13

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES STATUS (15)
SA	0050	CLR	20			127	58	41	23	11		998	310	WRG
SA	0150	CLR	20			124	56	43	23	10		997		WRG
SA	0250	CLR	20			124	55	40	27	07		996		WRG
SA	0351	CLR	20			132	54	41	33	04		999	302 53 RAOAT 20110	JC
SA	0453	CLR	20			140	49	41	01	07		000		JC
SA	0554	CLR	20			146	48	40	05	06		001		JC
SA	0654	CLR	20			142	49	40	04	08		000	003	JC
SA	0753	CLR	20			140	54	41	13	04		000		JC
SA	0852	200-SCT	20			138	58	40	08	05		000		JC
SA	0954	200-SCT	20			133	61	36	16	05		999	803 1001 48	JC
SA	1051	200-BKN	20			119	65	29	22	14	24	996		JC
SA	1149	200-BKN	20			108	65	34	21	19	31	992		JC
SA	1254	200-SCT	20			096	66	31	19	16	29	989	730 1001	JC
SA	1348	200-SCT	20			087	66	32	20	15	26	986		JC
SA	1447	200-BKN	20			079	62	24	21	17	30	983		JC
SA	1548	200-BKN	20			065	64	11	22	17	25	979	830 1001 67 RADAT 34097	EP
SA	1645	200-BKN	20			065	62	9	22	15	24	978		EP
SA	1749	200-BKN	20			070	61	10	21	18	30	979		EP
SA	1848	200-OVC	20			077	60	13	15	11		981	307 1007	EP
SA	1948	200-OVC	20			081	58	15	27	10		982		EP
SA	2049	200-OVC	20			087	56	19	27	12		984		EP
SA	2149	200-OVC	20			101	55	19	02	12		988	324 1007 67	EP
SA	2250	200-OVC	20			119	52	21	33	11		994		EP
SA	2350	200-SCT	20			127	51	28	33	10		996		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 14

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570	46.6	38.8	49	2	2	Ci	200												0	1	.080			00-01
01 48	26.600	44.7	37.4	51	0															0					01-02
02 50	26.610	45.5	39.0	57	0															0					02-03
03 51	26.640	45.0	40.3	67	0															0	2	.070			03-04
04 50	26.660	45.3	40.7	52	0															0					04-05
05 54	26.700	48.6	40.0	47	0															0					05-06
06 55	26.730	48.9	39.7	44	0															0	3	.090			06-07
07 51	26.750	50.4	40.0	39	0															0					07-08
08 52	26.770	53.4	41.1	33	0															0					08-09
09 53	26.780	55.1	42.8	35	0	0	Ci	200												0	1	.050			09-10
10 55	26.770	57.3	43.0	28	0															0					10-11
11 49	26.760	55.9	43.9	37	4															0					11-12
12 54	26.740	61.0	45.8	29	6	6	Ci	250												0	8	.040			12-13
13 55	26.740	61.2	46.0	29	3															0					13-14
14 50	26.730	61.8	45.8	27	0															0					14-15
15 47	26.740	60.9	43.3	20	3	3	Cs	250												0	5	.000			15-16
16 47	26.750	56.9	41.2	22	1															0					16-17
17 46	26.770	52.8	39.5	27	0															0					17-18
18 47	26.780	53.0	39.5	26	0															0	2	.040			18-19
19 47	26.790	48.7	37.0	30	0															0					19-20
20 49	26.810	49.8	37.8	30	2															0					20-21
21 49	26.800	48.2	36.3	28	6	6	Cs	250												1	0	.020			21-22
22 49	26.810	44.8	35.1	36	2															0					22-23
23 50	26.800	45.2	36.1	40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		51	44										
	0347	1	0	0	0	55	44		0								
	0949	2	0	0	0	55	45		0								
	1543	3	0	0	0	62	55		0								
	2145	4	0	0	0	61	48		0								
	MID.		0	0	0	48	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.780	26.740	26.800
BAROGRAPH 64	26.630	26.780	26.740	26.800
BAR. CORR. 65	+.010	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	44	0	0	0	20	E	0608					2	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MIN. WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0756P (±)0 Sec./ 2200 (±)0 Sec./ ± Sec.

SP=0

RS=0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 14

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS (15)
SA	0050	200-SCT	20			133	47	29	06	03		997	127 1001	EP
SA	0148	CLR	20			145	45	28	04	07		001		EP
SA	0250	CLR	20			150	46	31	02	04		002		EP
SA	0351	CLR	20			161	45	35	12	03		005	224 44 RAOAT 58082	JC
SA	0450	CLR	20			169	48	32	05	13		008		JC
SA	0554	CLR	20			185	49	29	07	09		012		JC
SA	0655	CLR	20			196	49	28	04	13		015	330	JC
SA	0751	CLR	20			205	50	26	06	09		017		JC
SA	0852	CLR	20			211	53	25	05	15		020		JC
SA	0953	CLR	20			215	55	28	03	12		021	117 1001 44	JC
SA	1055	CLR	20			214	57	25	03	11		020		JC
SA	1149	250-SCT	20			209	56	30	01	11		018	FEW AC S	JC
SA	1254	250-BKN	20			201	61	29	36	07		016	814 1001	JC
SA	1356	250-SCT	20			202	61	29	01	05T		016		JC
SA	1450	CLR	20			197	62	27	06	07		015		JC
SA	1547	250-SCT	20			203	61	19	06	03		016	500 1008 62 RAOAT 20122	EP
SA	1647	250-SCT	20			206	57	18	11	08		017		EP
SA	1746	CLR	20			216	53	20	10	08		019		EP
SA	1847	CLR	20			220	53	19	04	07		021	214	EP
SA	1947	CLR	20			224	49	18	04	05		022		EP
SA	2049	250-SCT	20			230	50	19	03	12		024		EP
SA	2149	250-BKN	20			226	48	17	03	12		023	007 1008 62	EP
SA	2249	250-SCT	20			231	45	15	03	07		024		EP
SA	2350	CLR	20			225	45	22	08	06		023		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 15

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.800	46.0	34.8	29	0	0	Ci	250												0	0	.000			00-01
01 48	26.795	45.0	34.6	32	0															0					01-02
02 50	26.790	46.4	35.4	31	0															0					02-03
03 53	26.790	45.3	32.3	47	0	0	Ci	250												0	6	.010			03-04
04 47	26.780	44.9	35.8	40	0															0					04-05
05 54	26.790	43.4	34.4	38	0															0					05-06
06 51	26.800	43.1	33.9	37	5	5	Ci	250												0	3	.010			06-07
07 54	26.810	49.5	39.4	39	8															0					07-08
08 53	26.820	53.4	40.8	31	10															1					08-09
09 52	26.820	55.2	41.1	27	10	10	Ci	250												0	1	.020			09-10
10 53	26.790	60.0	44.6	22	9															0					10-11
11 54	26.750	61.6	46.0	28	5															0					11-12
12 53	26.730	62.7	45.7	24	1	1	Ci	250												0	6	.090			12-13
13 51	26.710	63.7	46.8	25	0															0					13-14
14 50	26.700	65.0	46.0	19	0															0					14-15
15 47	26.680	63.0	43.8	17	0	0	Ci	250												0	8	.050			15-16
16 47	26.680	56.9	41.2	22	0															0					16-17
17 48	26.690	51.5	38.5	27	4															0					17-18
18 48	26.690	51.3	38.0	25	10	10	Cs	250												2	1	.010			18-19
19 47	26.690	53.0	38.6	22	10															3					19-20
20 46	26.690	46.5	36.0	33	10															2					20-21
21 48	26.690	46.4	36.0	34	10	10	Cs	250												2	4	.000			21-22
22 46	26.680	41.7	33.2	39	5															1					22-23
23 49	26.670	40.7	32.8	42	8															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		47	44										
	0349	1	0	0	0	48	44		0								
	0948	2	0	0	0	53	43		0								
	1543	3	0	0	0	65	55		0								
	2144	4	0	0	0	63	46		0								
	MID.		0	0	0	46	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.820	26.680	26.690
BAROGRAPH 64	26.780	26.820	26.700	26.690
BAR. CORR. 65	+.010	±0	-.020	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	41	0	0	0	14	SE	1138					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0915P ±0 Sec./ 2300P ±0 Sec./ ± Sec.

SP = 0

RS = 0

~~RS = 0/SP = 0~~

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 15

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-MI) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. METEOROLOGIST (14)
SA	0047	CLR	20			224	46	15	06	07		023	000 1001	EP
SA	0148	CLR	20			223	45	17	04	05		022		EP
SA	0250	CLR	20			220	46	17	12	06		022		EP
SA	0353	CLR	20			221	45	26	04	04		022	603 1001 44 RADAT	JC
/													20117	/
SA	0447	CLR	20			220	45	22	02	06		021	FEW CI E	JC
SA	0554	CLR	20			228	43	20	06	04		022		JC
SA	0651	250 - SCT	20			231	43	18	31	03		023	303 1001	JC
SA	0754	250 - BKN	20			234	50	26	29	04		024		JC
SA	0853	250 - OVC	20			234	53	24	04	03		025		JC
SA	0952	250 - OVC	20			234	55	22	36	02		025	107 1001 43	JC
SA	1053	250 - BKN	20			221	60	26	12	10		022		JC
SA	1154	250 - SCT	20			205	62	28	14	10		017		JC
SA	1253	250 - SCT	20			196	63	25	13	13		015	630 1001	JC
SA	1351	CLR	20			189	64	28	12	08		013		JC
SA	1450	CLR	20			184	65	22	14	10		012		JC
SA	1547	CLR	20			177	63	16	13	12		010	817 1001 65 RADAT 20133	EP
SA	1647	CLR	20			182	57	18	12	08		010		EP
SA	1748	250 - SCT	20			189	52	19	13	06		011		EP
SA	1848	250 - OVC	20			189	51	17	07	05		011	103 1007	EP
SA	1947	250 - OVC	20			185	53	16	10	12		011		EP
SA	2046	250 - OVC	20			186	47	19	02	04		011		EP
SA	2148	250 - OVC	20			185	46	19	00	00		011	400 1007 65	EP
SA	2246	250 - SCT	20			181	42	19	01	07		010		EP
SA	2349	250 - BKN	20			178	41	19	01	05		008		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 16

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.660	40.6	32.6	41	9	9	CS	250												2	7	.030			00-01
01 47	26.660	40.0	32.4	43	8															1					01-02
02 50	26.650	40.6	32.5	41	6															1					02-03
03 50	26.630	40.1	33.0	47	10	10	CS	250												4	8	.030			03-04
04 50	26.640	38.3	32.1	52	10															4					04-05
05 45	26.650	37.0	31.3	54	10															3					05-06
06 51	26.670	38.8	32.5	65	10	0	Ac	160	10	Cs	250	10								4	3	.040			06-07
07 48	26.690	43.0	35.2	46	10															5					07-08
08 49	26.690	51.0	40.0	36	8															4					08-09
09 48	26.690	56.1	40.5	21	2	0	Ac	160	2	Cs	250	2								2	1	.020			09-10
10 49	26.660	60.8	43.3	20	0															0					10-11
11 49	26.640	65.1	44.4	14	0															0					11-12
12 46	26.620	64.7	46.0	20	5	5	Cs	250												1	7	.070			12-13
13 48	26.600	65.0	46.4	21	8															1					13-14
14 45	26.580	62.9	45.5	23	8															2					14-15
15 49	26.585	60.6	44.9	26	10	0	Ac	150	10	Cs	E250	10								6	5	.035			15-16
16 46	26.585	55.4	43.4	37	10															5					16-17
17 45	26.590	52.5	41.8	40	10															7					17-18
18 48	26.600	53.8	41.7	34	10	3	Ac	150	10	Cs	E250	10								9	3	.015			18-19
19 47	26.590	52.8	40.8	34	10															8					19-20
20 50	26.590	50.0	39.9	40	10															8					20-21
21 47	26.585	49.8	39.8	41	10	3	Ac	150	10	Cs	E250	10								9	8	.015			21-22
22 50	26.580	46.7	38.3	46	7															3					22-23
23 45	26.560	45.3	37.3	47	8															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	41	40	X	X						X		
	0345	1	0	0	0	46	40		0								
	0944	2	0	0	0	56	36		0								
	1544	3	0	0	0	65	56		0								
	2143	4	0	0	0	61	50		0								
	MID.	X	0	0	0	50	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.690	26.585	26.585
BAROGRAPH 64	26.630	26.690	26.605	26.590
BAR. CORR. 65	0	0	-.020	.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	36	0	0	0	14	5	1210					6	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0830P (±0 Sec.) 2230P (±0 Sec.) ± Sec.

0350P/0350P

1745P/1745P

~~RS=0/SP=0~~

SP=00

RS=00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 16

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mb.)	TEMP. (°F)	DEW PT. (°F)	WIND DIRECTION (100's of °)	WIND SPEED (Kts.)	WIND CHARACTER	ALTIMETER SETTING (Inches)	REMARKS AND SUPPLEMENTAL CODED DATA	QC REVIEWER INITIALS
SA	0047	250 - BKN	20			173	41	19	00	00		007	710 1008	EP
SA	0147	250 - BKN	20			173	40	19	06	06		007		EP
SA	0250	250 - BKN	20			168	41	19	05	06		006		EP
SA	0350	250 - OVC	20			161	40	22	30	05		004	810 ~~1008~~ 1007 40 RAOAT 20129	CG
SA	0450	250 - OVC	20			169	38	22	07	02		005		CG
SA	0545	250 - OVC	20			176	37	22	09	02		006		CG
SA	0651	250 - OVC	20			185	37	26	11	02		008	314 1077	CG
SA	0748	160 SCT 250 - OVC	20			187	43	24	33	08		011		CG
SA	0849	250 - BKN	20			187	51	25	24	05		011		CG
SA	0948	250 SCT	20			184	56	17	13	08		011	107 1078 36	CG
SA	1049	CLR	20			173	61	19	14	07		007		CG
SA	1149	CLR	20			164	65	14	18	06		005		CG
SA	1246	250 - SCT	20			156	65	23	15	05		003	724 1008	CG
SA	1348	250 - BKN	20			149	65	24	24	06		001		CG
SA	1445	250 - BKN	20			143	63	24	23	07		998		CG
SA	1549	E250 OVC	20			145	61	26	22	05		999	512 1037 65 RAOAT 20118	EP
SA	1646	250 - OVC	20			149	55	29	10	04		999		EP
SA	1745	E250 OVC	20			155	53	29	07	07		999		EP
SA	1848	150 SCT E250 OVC	20			158	54	26	26	04		001	305 1037	EP
SA	1947	E250 OVC	20			151	53	25	12	07		999		EP
SA	2050	E250 OVC	20			147	50	27	00	00		999		EP
SA	2147	150 SCT E250 OVC	20			143	50	27	08	05		999	805 1037 65	EP
SA	2250	150 SCT 250 - BKN	20			140	47	27	05	04		998		EP
SA	2345	250 - BKN	20			133	45	26	11	04		996		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 17

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O. PAQUE SKY COVER 36	PRESSURE TENDENCY 37	HET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.550	44.2	38.0	57	10	1	Ac	150	10	Cs	E250	10								8	8	.035			00-01
01 47	26.550	45.3	37.2	49	10															9					01-02
02 50	26.540	45.0	36.8	46	10															9					02-03
03 52	26.520	45.8	37.0	43	10	2	Ac	150	10	Cs	E250	10								9	8	.030			03-04
04 51	26.540	43.2	36.0	50	10															8					04-05
05 46	26.540	42.3	36.0	55	10															4					05-06
06 48	26.540	41.6	36.0	59	10	0	Ac	150	10	Cs	250	10								4	1	.020			06-07
07 47	26.560	45.5	38.4	52	10															4					07-08
08 48	26.550	53.0	42.0	39	8															4					08-09
09 47	26.540	57.1	44.3	35	10	3	Ac	140	10	Cs	E250	10								6	0	.000			09-10
10 48	26.530	58.0	44.3	32	10															7					10-11
11 49	26.480	62.0	47.2	32	8															5					11-12
12 52	26.460	63.6	49.1	36	7	1	Cu	50	2	Ac	140	3	5	Cs	E250	7				5	8	.080			12-13
13 48	26.430	62.9	48.7	35	6															4					13-14
14 45	26.410	64.5	49.8	35	3															2					14-15
15 48	26.410	64.1	50.8	39	8	1	Cu	50	6	Ac	E140	6	2	Cs	250	8				8	6	.050			15-16
16 48	26.415	61.0	48.6	41	10															10					16-17
17 47	26.440	59.0	48.0	45	6															2					17-18
18 48	26.440	55.0	46.8	55	8	2	Ac	120	6	Cs	E250	8								6	0	.000			18-19
19 47	26.440	55.7	46.9	53	5															4					19-20
20 47	26.410	54.0	47.6	63	7															7					20-21
21 49	26.420	58.0	49.8	57	10	8	Sc	E80	2	Ac	120	10								10	3	.010			21-22
22 45	26.385	54.1	50.6	79	3															3					22-23
23 46	26.380	52.2	49.1	81	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	46	44	X	X						X		
	0346	1	0	0	0	50	44		0								
	0949	2	0	0	0	57	40		0								
	1544	3	0	0	0	66	57		0								
	2144	4	0	0	0	64	54		0								
	MID.	X	.06	0	0	58	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.540	26.410	26.420
BAROGRAPH 64	26.510	26.540	26.420	26.415
BAR. CORR. 65	+.010	±0*	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	40	.06	0	0	20	SE	1428					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2205	2235			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0510P (±) 0 Sec./ 1645P (±) 0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

0147/0147

SP/00
RS/00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 17

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Tenths) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHANGE (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	150 SCT E250 OVC	20			127	44	30	32	06		995	812 1037	EP
SA	0147	150 SCT E250 OVC	20			127	45	28	18	06		995		EP
SA	0250	150 SCT E250 OVC	20			124	45	25	09	06		994		EP
SA	0352	150 SCT E250 OVC	20			116	46	24	12	07		992	810 1077 44 RADAT 49123	CG
SA	0451	150 SCT E250 OVC	20			127	43	26	08	02		994		CG
SA	0546	250-OVC	20			130	42	27	09	02		994		CG
SA	0648	250-OVC	20			131	42	28	36	07		994	107 1077	CG
SA	0747	250-OVC	20			137	46	29	03	05		996		CG
SA	0848	250-BKN	20			129	53	29	26	03		995		CG
SA	0947	140 SCT E250 OVC	20			124	57	30	16	06		994	000 1077 40	CG
SA	1048	140 SCT E250 OVC	20			121	58	28	32	05		993		CG
SA	1149	140 SCT E250 BKN	20			102	62	32	10	06		987		CG
SA	1252	50 SCT 140 SCT E250 BKN	20			094	64	35	12	10		985	827 1178	CG
SA	1348	140 SCT E250 BKN	20			083	63	35	14	10		982		CG
SA	1445	140 SCT 250 SCT	20			074	65	36	16	10		980		CG
SA	1548	50 SCT E140 BKN 250 BKN	20			074	64	39	14	07		980	617 1178 66 RADAT	SH
	—		—			—						—	63122	—
SA	1648	E120 BKN 250 OVC	20			079	61	37	14	15		981		SH
SA	1747	120 SCT 250-BKN	20			079	59	38	14	10		980		SH
SA	1848	120 SCT E250 BKN	20			081	55	39	10	05		980	000 1078	SH
SA	1947	120 SCT 250 SCT	20			079	56	39	01	05		980		SH
SA	2047	E120 BKN 250 BKN	20			076	54	42	06	05		980		SH
SA	2149	E80 BKN 120 OVC	20			075	58	43	24	09		981	303 1571 66	SH
SA	2245	80 SCT 120 SCT	20			063	54	48	28	06		977	LTG DSNT N AND E RBOSE35	SH
SA	2346	80 SCT	20			060	52	47	22	08		976	LTG DSNT N AND E	SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Hiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 18

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.400	54.0	50.1	77	9	6	SC	080	3	AC	120	9								9	5	.020			00-01
01 46	26.440	53.0	49.7	80	8															8					01-02
02 46	26.440	52.8	42.1	40	3															3					02-03
03 55	26.470	52.2	40.0	32	0	0	AC	120												0	2	.070			03-04
04 52	26.520	50.9	39.3	33	0															0					04-05
05 49	26.530	49.6	38.2	33	0															0					05-06
06 48	26.550	49.0	38.6	37	0	0	AC	120												0	2	.080			06-07
07 53	26.580	51.0	40.0	36	4															3					07-08
08 48	26.600	51.2	40.0	36	7															3					08-09
09 47	26.610	53.4	40.5	30	7	7	CS	250												3	1	-.060			09-10
10 48	26.610	54.2	40.4	26	8															7					10-11
11 48	26.590	54.9	40.1	23	7															6					11-12
12 46	26.570	55.3	40.0	21	8	0	CU	50	8	CS	E250	8								7	8	.040			12-13
13 49	26.560	56.0	40.5	21	8															7					13-14
14 50	26.560	57.6	42.1	24	6															5					14-15
15 48	26.590	55.4	40.2	22	6	0	CU	50	6	CS	E250	6								5	3	.020			15-16
16 46	26.608	52.8	39.2	26	7															6					16-17
17 49	26.610	47.2	37.8	41	0															0					17-18
18 48	26.630	44.3	36.7	48	0															0	2	.040			18-19
19 47	26.650	47.1	36.6	34	0															0					19-20
20 45	26.670	44.0	35.1	40	0															0					20-21
21 48	26.680	41.6	34.3	47	0	0	CS	250												0	2	.050			21-22
22 47	26.690	40.9	33.3	45	0															0					22-23
23 45	26.695	42.4	34.1	42	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	54	52	X	X						X		
	0347	1	-.06	0	0	58	52		1								
	0943	2	0	0	0	53	47		0								
	1544	3	0	0	0	58	53		0								
	2143	4	0	0	0	55	41		0								
	MID.	X	0	0	0	42	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.616	26.590	26.665
BAROGRAPH 64	26.460	26.600	26.580	26.655
BAR. CORR. 65	+.010	+.016	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	41	0	0	0	25	N	1317					6	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0620P (A) Sec. 1 1550P (E) Sec. 1 ± Sec.

SP/00

RS/00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 18

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100°-36°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0045	E 80 BKN 120 BKN	20			066	54	47	32	10		979	50106 1570	SH
SA	0146	E 80 BKN	20			082	53	47	36	10		983		SH
SA	0246	120 SCT	20			081	53	29	35	16		983	FEW SC	SH
SA	0355	CLR	20			093	52	23	36	17		986	22466 1010 52	CG
													20006 RADAT 29687	
SA	0452	CLR	20			115	51	23	36	18		992		CG
SA	0549	CLR	20			119	50	21	03	12		993		CG
SA	0648	CLR	20			131	49	21	02	17		995	227 1070	CG
SA	0753	250 SCT	20			140	51	25	01	15		998		CG
SA	0848	250 - BKN	20			149	51	25	36	16		001		CG
SA	0947	250 - BKN	20			149	53	23	35	15		002	120 1008 47	CG
SA	1048	E160 BKN 250 BKN	20			151	54	21	34	14		002		CG
SA	1148	E250 BKN	20			144	55	18	32	15		999		CG
SA	1246	E150 BKN	20			135	55	16	35	18		997	814 1108	CG
SA	1349	E250 BKN	20			132	56	17	34	17		996		CG
SA	1450	50 SCT E250 BKN	20			128	58	21	01	12		995		CG
SA	1548	E250 BKN	20			144	55	17	05	13		999	307 1108 58	SH
	—		—			—						—	RADAT 43076	—
SA	1646	E250 BKN	20			151	53	19	04	06		002		SH
SA	1749	CLR	20			157	47	25	05	09		002	FEW PS	SH
SA	1848	CLR	20			167	44	26	05	10		004	214	SH
SA	1947	CLR	20			172	47	20	04	12		006		SH
SA	2045	CLR	20			181	44	21	06	07		008		SH
SA	2148	CLR	20			185	42	23	35	08		010	217 1008 58	SH
SA	2247	CLR	20			189	41	21	03	09		011		SH
SA	2345	250 SCT	20			190	42	21	03	09		012		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 19

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.700	42.6	34.0	40	8	8	AC	8160												8	1	.020			00-01
01 46	26.680	42.0	33.6	41	1															1					01-02
02 48	26.670	40.4	32.7	43	1															1					02-03
03 50	26.660	38.7	32.0	49	1	1	CS	250												1	7	.040			03-04
04 51	26.670	38.4	32.0	51	0															0					04-05
05 46	26.700	41.1	33.0	41	5															5					05-06
06 49	26.700	42.7	33.6	37	8	8	AC	8160												8	1	.010			06-07
07 48	26.690	44.8	35.6	39	8															8					07-08
08 51	26.700	47.8	36.3	30	7															7					08-09
09 45	26.700	50.7	37.6	25	5	2	AC	120	3	AC	160	5								5	5	.000			09-10
10 46	26.670	53.5	40.0	27	1															1					10-11
11 47	26.630	55.1	39.6	20	0															0					11-12
12 48	26.600	56.3	39.8	18	0	0	CI	250												0	7	.100			12-13
13 49	26.590	57.6	40.2	16	0															0					13-14
14 45	26.570	58.0	40.0	14	0															0					14-15
15 51	26.545	55.8	40.1	20	0	0	CI	250												0	7	.053			15-16
16 45	26.530	52.4	38.8	24	1															1					16-17
17 46	26.510	52.1	38.4	24	0															0					17-18
18 46	26.500	48.3	37.0	31	0	0	AC	150												0	7	.045			18-19
19 46	26.470	46.2	36.2	36	0															0					19-20
20 47	26.460	44.2	35.4	41	0															0					20-21
21 48	26.440	43.0	34.7	42	4	0	AC	150	4	CI	250	4								1	7	.060			21-22
22 47	26.420	43.2	34.6	41	10															2					22-23
23 49	26.410	43.4	34.3	38	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	43	39	X	X						X		
	0345	1	0	0	0	43	39		0								
	0942	2	0	0	0	51	38		0								
	1546	3	0	0	0	58	51		0								
	2143	4	0	0	0	56	43		0								
	MID.	X	0	0	0	43	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.700	26.545	26.440
BAROGRAPH 64	26.660	26.690	26.535	26.43
BAR. CORR. 65	0	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	38	0	0	0	21	5	1757					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0755P (±0 Sec.) 1820P (±0 Sec.) ± Sec.

SP/00
RS/00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 19

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0048	E160 BKN	20			191	43	20	03	10		012	10T 1030	SH
SA	0146	160 SCT	20			184	42	20	03	11		010		SH
SA	0248	250 SCT	20			180	40	20	03	12		008		SH
SA	0350	250 SCT	20			178	39	21	06	08		007	714 1008 39 RAWHT 37064	CG
SA	0451	CLR	20			184	38	22	24	03		008		CG
SA	0546	160 SCT	20			198	41	19	05	10		012		CG
SA	0649	E160 BKN	20			198	43	18	05	10		012	114 1050	CG
SA	0148	E160 BKN	20			191	45	21	17	03		011		CG
SA	0851	E160 BKN	20			197	48	18	30	09		012		CG
SA	0945	120 SCT 160 SCT	20			196	51	16	03	04		012	500 1070 38	CG
SA	1046	160 SCT	20			182	54	21	23	09		008		CG
SA	1147	CLR	20			164	55	15	27	10		004		CG
SA	1248	CLR	20			153	56	13	26	08		001	734 1001	CG
SA	1349	CLR	20			149	58	11	27	14		999		CG
SA	1445	CLR	20			142	58	9	26	07		997		CG
SA	1557	CLR	20			134	56	16	24	13		995	719 1001 58	SH
	—		—			—						—	RADAT 62113	—
SA	1645	250 SCT	20			131	53	17	23	10		993		SH
SA	1746	CLR	20			121	52	17	21	10		991		SH
SA	1846	CLR	20			119	48	19	07	02		990	715 1010	SH
SA	1946	CLR	20			108	46	21	10	06		986		SH
SA	2047	CLR	20			103	44	22	06	05		985	FEW AC S	SH
SA	2148	250 -SCT	20			093	43	22	10	07		983	720 1071 58	SH
SA	2247	250 -OVC	20			085	43	21	09	05		981		SH
SA	2349	250 -OVC	20			080	43	19	09	05		980		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: [redacted]93 NOV 20

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.370	41.1	33.3	43	6	0	AC	140	6	CS	250	6								1	7	.010			00-01
01 46	26.370	38.4	32.5	54	5															2					01-02
02 44	26.330	42.8	34.1	40	3															3					02-03
03 50	26.325	42.1	34.1	43	10	10	SC	135												10	8	.045			03-04
04 51	26.290	43.8	34.4	36	7															7					04-05
05 48	26.255	39.8	33.0	49	3															3					05-06
06 48	26.240	39.1	32.8	54	4	2	SC	50	2	CI	250	4								2	6	.085			06-07
07 51	26.220	46.0	37.0	42	6															1					07-08
08 49	26.200	51.8	47.6	47	6															2					08-09
09 49	26.170	57.9	47.1	45	3	2	SC	50	1	CI	250	3								2	7	.090			09-10
10 53	26.140	59.7	45.1	30	3															1					10-11
11 48	26.115	59.9	43.8	24	5															1					11-12
12 53	26.080	59.5	44.2	27	3	1	SC	—	1	CU	50	2	1	CI	250	3				2	7	.090			12-13
13 52	26.070	57.5	43.6	30	2															2					13-14
14 52	26.060	56.4	43.0	31	1															1					14-15
15 53	26.050	55.0	43.8	40	4	2	CU	50	2	AC	120	4								4	7	.030			15-16
16 54	26.050	52.2	43.3	49	3															2					16-17
17 55	26.040	49.8	41.3	48	0															0					17-18
18 45	26.060	46.2	40.0	59	1	1	CU	50												1	3	.010			18-19
19 46	26.090	46.3	38.4	49	3															3					19-20
20 50	26.110	41.5	37.9	73	10															10					20-21
21 51	26.110	39.6	37.4	83	10	4	CU	20	6	CU	M35	10								10	1	.050			21-22
22 47	26.120	40.2	37.6	80	10															10					22-23
23 51	26.130	39.0	37.3	86	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	44	37	X	X						X		
	0345	1	0	0	0	44	37		0								
	0945	2	0	0	0	59	39		0								
	1550	3	0	0	0	61	37		0								
	2147	4	T	0	0	55	39		1								
	MID.	X	.01	*T	0	41	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0300	0949	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.320	26.070	26.050	26.110
BAROGRAPH 64	26.325	26.175	26.050	26.110
BAR. CORR. 65	+0	-.005	+0	+0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	37	.01	*T	0	45	SW	1325					4	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2022	2218			
SW-	2314	2340			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0134 LST (±) 0 Sec./ 1918 PST (±) 0 Sec./ ± Sec.

* SNOW MELTED AS IT FELL

~~SP = 01~~ SP = 01

~~RS = 00~~ RS = 00

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 20

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's Mil) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	250 - BKN	20			066	41	20	11	04		975	724 1078	SFH
SA	0146	140 SCT 250 - SCT	20			060	38	23	09	04		975		SFH
SA	0249	140 SCT	20			048	43	20	07	08		971		SFH
SA	0350	E35 OVC	20			048	42	21	09	03		971	815 1511 39 RADAT 88092	SFA
SA	0451	M35 BKN	20			036	44	19	12	05	G16	969		SFA
SA	0548	35 SCT	20			025	40	22	09	07		963	PRESFR	SFA
SA	0648	50 SCT 250 - SCT	20			022	39	23	36	06		962	629 1501	SFA
SA	0751	50 SCT 250 - BKN	20			012	46	24	12	11		960		SFA
SP	0830	50 SCT 250 - BKN	20						20	16	G25	958	WSHIFT 03	SFA
SA	0949	50 SCT 250 - BKN	20			998	58	38	21	21	G29	957		SFA
SA	0449	50 SCT 250 SCT	20			987	58	37	20	21	G31	954	PK WND 1936/31/ 724 1502 37	SFA
SA	1053	50 SCT 250 - SCT	20			974	60	28	22	22	G30	951	CCSL S SE PK WND 1958/18	SFA
SA	1148	50 SCT 250 - SCT	10			965	60	23	20	24	G41	948	CCSL SE-SW PK WND 2041/38	SFA
SA	1253	-X 50 SCT 250 SCT	10			952	60	25	20	28	G36	944	DI OBSCN IN NW WND ONLY CCSL SE-S PK WND 2134/40 730 1109	SFA
SA	1352	50 SCT 250 SCT	7			952	58	27	21	25	G37	943	CCSL SE PK WND 2145/25	SFA
SA	1452	50 SCT 120 SCT 250 SCT	15			946	56	26	22	35	G43	942	PK WND 2243/43	SFA
SA	1553	50 SCT 120 SCT	20			944	55	31	21	25	G38	940	PK WND 2243/2254 710 1170 61 RADAT 63084	JC
SA	1654	50 SCT 120 SCT	20			945	52	33	21	22	G32	940	PK WND 2138/13	JC
SA	1755	CLR	20			944	50	31	23	V96	G27	939	PK WND 2237/04 FEW CU NE	JC
SA	1845	50 SCT	20			955	46	33	22	17	G28	941	303 1100	JC
SA	1946	50 SCT	20			962	46	28	23	15	G24	945		JC
SA	2050	20 SCT M 45 OVC	10		RW -	965	42	34	01	10		947	RB 22	JC
SA	2151	20 SCT M 35 OVC	10		RW -	966	40	35	02	10		947	11700 12 // 61	JC
SA	2247	20 SCT M 45 OVC	20			968	40	35	30	11		948	RE 18	JC
SA	2351	20 SCT E 50 OVC	20			972	39	35	23	06		949	SB 14 E 40	JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1993 NOV 21

To convert LST to GMT ADD: 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.130	39.8	37.8	85	10	4	CU	50	6	AC	E120	10								10	1	.020			00-01
01 53	26.130	38.8	37.1	87	9															5					01-02
02 54	26.130	38.8	36.3	80	10															10					02-03
03 51	26.150	37.9	35.1	77	10	10	SC	E50												10	3	.020			03-04
04 47	26.150	35.1	33.8	89	10															7					04-05
05 49	26.170	35.0	33.8	90	10															9					05-06
06 51	26.200	36.0	34.0	83	10	6	SC	E50	10	AC	100	10								10	3	.010			06-07
07 49	26.220	37.0	34.1	76	10															10					07-08
08 47	26.240	39.0	34.8	67	10															10					08-09
09 51	26.260	41.8	35.3	53	10	1	CU	40	3	AS	100	4	10	CS	250	10				4	2	.060			09-10
10 49	26.260	44.0	35.5	42	10															5					10-11
11 45	26.255	42.0	34.8	49	10															10					11-12
12 45	26.270	37.2	35.0	81	10	1	SC	40	4	SC	70	5	10	CS	250	10				5	3	.010			12-13
13 47	26.265	43.0	36.0	51	10															3					13-14
14 51	26.270	39.0	36.4	72	8															5					14-15
15 53	26.300	44.0	34.2	34	8	2	SC	50	6	CI	250	8								2	3	.030			15-16
16 51	26.320	41.1	33.6	45	7															1					16-17
17 55	26.340	39.1	33.1	54	6															0					17-18
18 54	26.370	37.3	30.1	43	3	3	CI	250												0	3	.020			18-19
19 52	26.390	34.2	29.2	56	0															0					19-20
20 54	26.420	34.1	29.3	58	0															0					20-21
21 53	26.440	34.0	28.9	55	0	0	CI	250												0	2	.070			21-22
22 45	26.450	33.0	28.2	61	0															0					22-23
23 50	26.460	32.0	27.2	60	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		T	T*		40	37										
	0345	1	.01	T*	0	41	37		1								
	0945	2	.01	E.1*	0	42	34		1								
	1547	3	.02	E.2*	0	44	37		1								
	2149	4	0	0	0	44	34		0								
	MID.		0	0	0	34	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.150	26.260	26.300	26.440
BAROGRAPH 64	26.140	26.260	26.250	26.430
BAR. CORR. 65	+.010	±0	+.050	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
44	32	.03	E.3	0	23	NW	1150					10	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	0340	0416			
SW-	0536	0611			
SW-	0646	0741			
SW-	1136	1155			
SPW-	1155	1203			
SW-	1203	1234			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MIN. WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0715P ⊙ Sec./ 1933P ⊙ Sec./ ± Sec.

0254B 0255P 1049P/DP 23/2355P

0651B 0649P

E - ESTIMATED DUE TO MELTING

1650B 1651P

~~SP = 02~~ SP = 02

~~RS = 00~~ RS = 00

MF1 10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 21

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SUPPLEMENTARY (4a)	VISIBILITY (Miles) PREVAILING (4b)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (MB) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's DEG) (9)	WIND SPEED (KNOTS) (10)	WIND PEAK GUSTS (KNOTS) (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. TAKEN BY (15)
SA	0045	50 SCT E120 OVC	20			973	40	36	22	06		949	10701 117/	JC
SA	0153	50 SCT E120 BKN	20			975	39	35	00	00		949		JC
SA	0254	50 SCT E120 ~~BK~~ OVC	20			975	39	33	25	08		949		JC
SA	0351	E50 OVC	15		SW-	983	38	31	27	14	17	952	SB40 / 30701 15// 37	SEA
/	/											/	20001 RADAT 76049	/
SA	0447	50 SCT E120 BKN 2500 OVC	20			987	35	32	22	09		952	SE16 OVC PTLY THN	SEA
SA	0549	E50 BKN 120 BKN 2500 OVC	15		SW-	997	35	32	22	10		954	SB36	SEA
SA	0651	E50 BKN 1000 OVC	20		SW-	010	36	31	22	08		957	SE11846 RDGS OBSD ~~SNWND~~	SEA
/	/									/	H	~~HA~~	SW4T ALCODS IN SWU/	/
/	/											/	31700 15//	/
SA	0749	12 SCT M38 BKN 1000 OVC	20			017	37	30	23	05		960	*RDGS OBSD N-E *SE41	SEA
SA	0847	20 SCT M38 OVC	20			025	39	29	24	06		962	SWU SE-S VIRGA NW SUN	SEA
/	/											/	DMLY VSBL	/
SA	0951	40 SCT 100 SCT 250-OVC	20			033	42	26	20	07		964	SWU SE / 22001 117 34	SEA
SA	1049	40 SCT 100 SCT 250-OVC	20			032	44	24	25	03		964	RWU SE	SEA
SA	1145	E40 BKN 900 OVC	20		SW-	031	42	24	29	06		963	SB 36 VRY LGT SWU N-NE	SEA
/	/											/	AND SE-S	/
SP	1213	-X E40 OVC	1 3/4		SW-				07	11		966	*VSBY SW-NW .5 *SZ	SEA
SP	1228	-X E40 BKN 100 BKN 250 OVC	15		SW-				08	11		965	SI VSBY NE-S 1 3/4 BNGK NW	SEA
SA	1245	40 SCT 70 SCT 250-OVC	20			040	37	34	10	08		965	SE34 *VSBY SNG SE CLWR SE / 36 52 150	SEA
SA	1347	70 SCT 250-OVC	20			035	43	26	28	05		965		SEA
SA	1451	E70 BKN 250 BKN	20			040	39	31	33	06		965		SEA
SA	1553	50 SCT 250-BKN	20			048	44	18	36	13		968	31002 1401 44 RADAT	JC
/	/												51054	/
SA	1651	50 SCT 250-BKN	20			060	41	~~45~~ 22	01	07		970		JC
SA	1753	250-BKN	20			068	34	24	05	09		972		JC
SA	1854	250-SCT	20			080	37	17	03	09		976	324 1001	JC
SA	1952	CLR	20			089	34	20	02	06		978	FEW CI SE	JC
SA	2054	CLR	20			099	34	21	07	10		981		JC
SA	2153	CLR	20			105	34	19	06	10		983	224 1001 44	JC
SA	2245	CLR	20			108	33	21	03	10		984		JC
SA	2350	CLR	20			115	32	20	03	08		986		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 22

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.470	30.4	26.4	62	0															0	2	.030			00-01
01 50	26.480	31.0	26.2	55	0															0					01-02
02 50	26.490	31.1	26.6	53	0															0					02-03
03 51	26.475	33.4	27.0	44	0	0	CU	45												0	0	.005			03-04
04 52	26.495	30.2	25.3	53	0															0					04-05
05 49	26.520	26.0	23.6	75	0															0					05-06
06 47	26.535	29.2	24.6	55	0															0	2	.060			06-07
07 51	26.560	34.7	27.6	39	0															0					07-08
08 50	26.580	38.5	30.1	36	0															0					08-09
09 48	26.590	39.8	30.4	31	1	1	CI	250												0	1	.055			09-10
10 49	26.585	41.9	32.0	32	6															0					10-11
11 52	26.555	42.0	32.4	33	3															0					11-12
12 50	26.540	44.1	33.1	27	8	0	CU	60	8	CI	250	8								1	8	.050			12-13
13 49	26.520	46.0	34.0	23	10															3					13-14
14 51	26.530	44.0	32.9	26	10															10					14-15
15 53	26.530	43.1	31.9	24	10	10	CS	E200												10	5	.010			15-16
16 50	26.550	41.8	33.2	39	8															3					16-17
17 54	26.550	38.2	32.7	56	9															7					17-18
18 55	26.550	34.1	29.3	58	10	4	AC	120	6	CS	E200	10								10	1	.020			18-19
19 51	26.540	36.4	30.3	49	10															8					19-20
20 54	26.560	37.7	29.3	35	10															9					20-21
21 53	26.560	36.6	29.9	50	10	4	AC	100	6	CS	E200	10								8	1	.010			21-22
22 51	26.570	34.4	29.1	54	8															3					22-23
23 52	26.570	32.2	28.3	64	3															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		36	29										
	0344	1	0	0	0	36	29		0								
	0943	2	0	0	0	41	25		0								
	1547	3	0	0	0	46	40		0								
	2149	4	0	0	0	43	34		0								
	MID.		0	0	0	37	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.475	26.590	26.530	26.560
BAROGRAPH 64	26.480	26.585	26.530	26.550
BAR. CORR. 65	-.005	+.005	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	25	0	0	0	17	NE	0335					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 1426PST (±) 0 Sec./ 1925P (±) 0 Sec./ ± Sec.

2054 B 2053P

1049 1152 R 23/0237P

~~SP = 00~~

~~RS = 00~~

SP = 00

RS = 00

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 22

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's-Mil) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEA-SURFACE TEMP. (°F) (14)
SA	0054	CLR	20			122	30	19	30	06		987	210	JC
SA	0150	CLR	20			122	31	17	05	05		988		JC
SA	0250	CLR	20			128	31	16	03	10		989		JC
SA	0351	CLR	20			118	33	14	05	11		988	FEW CU OMTNS S/ 002 1100	SEA
/	/											/	29 20003 RADAT 49L03 1611	/
SA	0452	CLR	20			129	30	15	04	07		990		SEA
SA	0547	CLR	20			143	26	19	30	03		993		SEA
SA	0647	CLR	20			148	29	15	29	03		994	220	SEA
SA	0751	CLR	20			158	35	12	03	09		998		SEA
SA	0850	CLR	20			160	39	14	35	05		999	FEW CI SW-NW	SEA
SA	0948	250-SCT	20			164	40	11	04	11		000	119 1001 25	SEA
SA	1049	250-BKN	20			162	42	15	02	09		000		SEA
SA	1152	250-SCT	20			151	42	12	01	09		997	FEW CU	SEA
SA	1250	250-BKN	20			145	44	12	20	04		995	FEW CU* BIT 1106 *WND LGT VRBL	SEA
SA	1349	250-OVC	20			135	46	11	26	04		993	FEW CU	SEA
SA	1451	E250 OVC	20			141	44	12	17	04		994		SEA
SA	1553	E200 OVC	20			139	43	9	20	03		993	503 1007 46 RADAT	JC
/													40052	/
SA	1650	200-BKN	20			150	42	19	23	05		996		JC
SA	1754	120 SCT E200 BKN	20			155	38	24	12	04		996		JC
SA	1855	120 SCT E200 OVC	20			156	34	21	00	00		996	107 1078	JC
SA	1957	E100 BKN 200 OVC	20			146	36	19	34	06		994		JC
SA	2054	E100 BKN 200 OVC	20			151	38	12	36	04		996	996	JC
SA	2153	100 SCT E200 OVC	20			151	37	20	04	08		997	103 1078 46	JC
SA	2251	100 SCT 200-BKN	20			155	34	20	04	06		998		JC
SA	2352	100 SCT 200 SCT	20			156	32	21	09	02		998		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: [redacted]3 NOV 23

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 10	STATION PRESSURE (Ins.) 11	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.580	30.0	26.3	63	1	1	Ci	200												0	2	.020			00-01
01 54	26.590	29.2	25.6	64	0															0					01-02
02 53	26.590	28.8	24.8	66	0															0					02-03
03 54	26.580	27.8	24.5	63	1	1	Ci	250												0	0	.000			03-04
04 48	26.600	25.6	23.1	68	1															0					04-05
05 50	26.610	24.6	22.3	69	1															0					05-06
06 48	26.620	25.4	22.8	67	1	1	Ci	250												0					06-07
07 50	26.640	30.8	26.6	58	1															0	1	.040			07-08
08 48	26.650	36.6	30.3	48	2															0					08-09
09 45	26.660	42.8	32.7	31	3	2	Ac	200	1	Ci	250	3								0					09-10
10 49	26.660	44.9	33.9	28	3															1	1	.040			10-11
11 48	26.650	46.5	34.9	27	7															2					11-12
12 50	26.630	48.1	36.0	26	7	0	Cu	80	3	Ac	200	3	Ci	250		7				2					12-13
13 48	26.625	46.4	35.4	30	9															2	8	.030			13-14
14 57	26.620	47.0	36.0	31	10															5					14-15
15 53	26.630	47.3	37.0	36	10	10	Ac	6100												10					15-16
16 52	26.640	46.7	36.6	35	10															10	5	.000			16-17
17 55	26.660	45.8	35.6	34	10															7					17-18
18 48	26.670	43.0	33.1	45	8	3	Ac	100	2	Ci	250	8								9					18-19
19 51	26.680	38.7	33.2	57	6															3	2	.040			19-20
20 54	26.690	39.0	33.3	56	9															2					20-21
21 53	26.690	37.1	31.9	58	9	6	Ac	6100	4	Ci	250	9								7					21-22
22 54	26.690	36.4	31.2	57	9															5	1	.020			22-23
23 53	26.680	36.1	31.0	58	7															8					23-24
																				3					

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		32	25										
	0345	1	0	0	0	37	25		0								
	0941	2	0	0	0	43	23		0								
	1547	3	0	0	0	48	42		0								
	2148	4	0	0	0	47	37		0								
	MID.		0	0	0	37	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0944	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.660	26.630	26.690
BAROGRAPH 64	26.586	26.670	26.630	26.685
BAR. CORR. 65	± 0	-.010	± 0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	23	0	0	0	14	SW	1234					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0731 P 00 Sec./ 1944 P 50 Sec./ ± Sec.

SP = 00
RS = 00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1 10A
(1 82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 2 3

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (Deg.) (9)	WIND SPEED (Knots) (10)	WIND GUSTS (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. TAKEN BY (15)
SA	0055	200-SCT	20			160	30	19	13	05		999	207 1001	JC
SA	0154	CLR	20			164	29	18	12	08		000		JC
SA	0253	CLR	20			165	28	18	04	06		000		JC
SA	0354	250-SCT	20			162	28	17	12	01		999	000 1001 25 RADAT 66L0330-57	SEA
SA	0448	250-SCT	20			173	26	17	06	02		001		SEA
SA	0550	250-SCT	20			180	25	16	09	02		003		SEA
SA	0648	250-SCT	20			185	25	16	34	05		004	114 1001	SEA
SA	0750	250-SCT	20			188	31	18	15	05		006		SEA
SA	0848	250-SCT	20			187	37	19	32	03		007	FEW AC	SEA
SA	0945	200-SCT 250-SCT	20			189	43	14	23	03		008	114 1031 23	SEA
SA	1049	200SCT 250SCT	20			188	45	14	24	05		008		SEA
SA	1148	200SCT 250-BKN	20			184	47	14	24	06		007		SEA
SA	1250	200SCT 250-BKN	20			178	48	15	23	08		005	FEW CU CMTNS SE/810 1131	SEA
SA	1348	E200 BKN 250BKN	20			175	46	17	21	08		004		SEA
SA	1457	70 SCT E120 OVC	20			175	47	18	23	04		004	BINOVC ALQDS	SEA
SA	1553	E100 OVC	20			178	47	22	25	08		004	500 1021/48 RADAT 52059	JC
SA	1652	E100BKN 250 OVC	20			184	47	21	28	04		005		JC
SA	1755	E100BKN 250 OVC	20			194	46	19	00	00		008		JC
SA	1848	100SCT 250-BKN	20			198	43	23	32	04		009	214 1071	JC
SA	1951	100SCT 250-BKN	20			201	39	25	03	07		010		JC
SA	2054	E100BKN 250BKN	20			201	39	25	05	06		011		JC
SA	2153	E100 BKN 250BKN	20			198	37	24	09	04		011	102 1021 48	JC
SA	2254	E100 BKN 250BKN	20			196	36	23	03	03		011		JC
SA	2355	100SCT 250-BKN	20			193	36	23	05	06		010		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1993 NOV 24

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.650	35.6	29.0	58	8	8	Ci	250												3	5	.000			00-01
01 48	26.650	34.4	30.7	67	9															6					01-02
02 50	26.670	37.6	33.0	63	10															9					02-03
03 50	26.680	38.0	34.0	61	10	3	Ac	100	7	Cs	5200	10								9	5	.010			03-04
04 48	26.655	40.6	33.7	49	10															10					04-05
05 49	26.655	40.2	33.4	50	10															10					05-06
06 48	26.660	40.3	32.4	42	10	5	St	34	4	Ac	5100	9	1	Cs	280	10				10	5	.020			06-07
07 45	26.675	41.0	33.0	42	10															10					07-08
08 50	26.670	42.7	33.6	37	10															10					08-09
09 48	26.670	43.1	34.4	40	9	9	Sc	M35												9	1	.010			09-10
10 48	26.640	43.8	35.0	40	9															9					10-11
11 48	26.615	44.0	35.1	40	10															10					11-12
12 46	26.565	45.4	36.8	45	10	9	Sc	M32	1	Ac	100	10								9	7	.105			12-13
13 47	26.520	48.1	38.6	41	9															9					13-14
14 50	26.520	48.0	40.0	50	10															10					14-15
15 49	26.445	47.0	38.5	46	10	10	Sc	M35												10	8	.120			15-16
16 49	26.430	47.6	39.4	48	10															10					16-17
17 46	26.410	55.8	47.0	53	10															10					17-18
18 47	26.380	53.8	45.5	54	10	10	Sc	M40												10	8	.065			18-19
19 48	26.375	53.3	45.9	58	10															10					19-20
20 51	26.365	52.1	45.2	60	10															10					20-21
21 48	26.360	50.9	45.0	64	10	9	Sc	M32	1	Ac	120	10								10	7	.020			21-22
22 48	26.350	47.3	43.5	75	10															10					22-23
23 50	26.355	44.5	43.1	90	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	39	34	X	X						X		
	0345	1	0	0	0	39	34		0								
	0942	2	0	0	0	43	37		0								
	1543	3	T	0	0	48	43		0								
	2143	4	T	0	0	56	47		0								
	MID.	X	.11	0	0	54	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.670	26.445	26.360
BAROGRAPH 64	26.645	26.665	26.440	26.355
BAR. CORR. 65	+.015	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	34	.11	0	0	38	S	1921					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1438	1443			
RW-	1822	1916			
RW-	2135	2139			
RW-	2211	Cont'd			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0758P ±0 Sec./ 1908P ±0 Sec./ ± Sec.

0350/DP 33-27/0450P 2350P/2350P

1246P/1246P 0948P/103/1150P

SP = 03

RS = 00

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 24

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Dec.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQ. OB. NUMBERS (14)
SA	0050	250 - BKN	20			197	34	21	32	02		011	500 1001	JC
SA	0148	120 SCT E250 BKN	20			193	34	25	04	06		010		JC
SA	0250	120 SCT E250 OVC	20			188	38	26	14	03		009		JC
SA	0350	100 SCT E200 OVC	20			190	39	33	33	04		010	503 1058 34 RADAT 47106	RD
SA	0448	100 SCT E200 OVC	20			181	41	23	10	09		007		RD
SA	0549	100 SCT E200 OVC	20			182	40	23	10	03		007		RD
SA	0648	34 SCT E100 BKN 200 OVC	20			185	40	19	12	09		008	507 1678	RD
SA	0748	M34 BKN 200 OVC	20			192	41	20	14	10		009		RD
SA	0850	M35 BKN 100 BKN 200 OVC	20			189	43	18	08	05		009		RD
SA	0948	M35 BKN	20			191	43	20	33	06		009	1073 1500 34	RD
SA	1048	M33 BKN	20			199	44	21	30	03		005		RW
SA	1148	M32 OVC	20			170	44	21	31	07		003		RD
SA	1246	M32 BKN 100 OVC	20			151	45	25	24	05		997	BINOVC SE/736 15701	RD
SA	1349	M38 BKN 100 BKN	20			132	48	26	30	03		992		RD
SA	1450	M35 OVC	20			130	48	30	13	07		992	RB38E43	RD
SA	1549	M35 OVC	20			101	47	27	32	04		984	PRESFR 84100 1511 48	MR
													RADAT 89093	
SA	1649	M35 OVC	20			094	48	29	08	03		982	HIR CLDS VSB SW	MR
SA	1746	M38 OVC	20			082	56	39	19	13 G 19		980		MR
SA	1847	M40 OVC	20		RW-	070	54	37	19	18 G 31		976	RB22 82200 1511	MR
SA	1948	M38 OVC	20			069	53	39	17	22 G 30		976	RE16 PK WND 1938/21	MR
SA	2051	M35 OVC	20			065	52	39	19	24 G 34		975	PK WND 1937/04	MR
SA	2148	M32 BKN 120 OVC	20			062	51	39	20	17 G 28		974	RB35E39 70700 155/ 56	MR
SP	2217	M28 BKN 80 OVC	20		RW-				19	20 G 28		974	RB11	MR
SP	2237	28 SCT M38 OVC	20		RW-				17	20 G 30		973		MR
SA	2248	M38 OVC	10		RW-	062	47	40	18	22 G 32		973	RB11	MR
SP	2326	8 SCT M26 OVC	7		RW-				19	18 G 37		976		MR
SA	2350	8 SCT M21 OVC	7		RW-	065	45	42	20	16 G 21		974	PK WND 2037/14	MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 25

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.360	43.2	42.1	92	10	1	STRA	5	7	Sc	M18	8	10	NS	25	10				10	5	.000			00-01
01 46	26.355	41.9	40.4	89	10															10					01-02
02 48	26.370	37.8	37.8	100	10															10					02-03
03 52	26.365	38.4	37.8	94	10	3	Cu	30	7	Sc	M55	10								10	0	.005			03-04
04 48	26.365	38.2	37.8	96	6															6					04-05
05 49	26.380	35.0	34.6	96	4															4					05-06
06 50	26.385	34.3	34.0	98	2	2	Cb	50												2	3	.010			06-07
07 47	26.405	37.4	35.6	85	2															2					07-08
08 47	26.415	41.3	36.7	66	2															2					08-09
09 48	26.420	42.7	34.5	44	6	6	Sc	M50												6	2	.035			09-10
10 49	26.415	41.7	34.6	49	6															6					10-11
11 51	26.410	42.3	34.0	40	7															7					11-12
12 50	26.410	40.6	34.0	51	9	9	Sc	E45												9	6	.040			12-13
13 49	26.420	42.0	34.7	48	8															8					13-14
14 50	26.440	42.1	34.7	47	7															7					14-15
15 49	26.460	42.0	34.3	45	10	1	Sc	40	2	Ac	100	3	7	Ci	E250	10				7	3	.050			15-16
16 48	26.490	39.8	33.0	49	10															7					16-17
17 50	26.525	37.0	31.7	57	10															5					17-18
18 49	26.555	35.5	30.7	59	6	0	Sc	40	0	Ac	100	0	6	Ci	250	6				1	2	.095			18-19
19 46	26.570	32.1	29.0	70	0															0					19-20
20 49	26.595	32.2	29.0	69	0															0					20-21
21 49	26.590	31.9	28.3	65	0	0	Sc	45												0	0	.035			21-22
22 45	26.610	30.6	28.0	73	0															0					22-23
23 53	26.615	30.2	27.7	74	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	.25	0	X	45	36	X	X						X		
	0342	1	.36	0	0	54	30		1								
	0940	2	0	0	0	43	33		0								
	1543	3	0	0	0	43	40		0								
	2143	4	0	0	0	42	31		0								
	MID.	X	0	0	0	32	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.365	26.420	26.460	26.570
BAROGRAPH 64	26.360	26.420	26.445	26.580
BAR. CORR. 65	+.005	0	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
45	30	.25	0	0	28	N	0216					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT'D	0003			
R-	0003	0340			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0834P ± 0 Sec./ 1638P ± 1 Sec./ ± Sec.

0948/DP/0948 0630P/ATT 30P/2355P 3147P/54/2358P

SP = 09
RS - 01

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (3-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 25

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (10+) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (10s of deg) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SP	0006	5 SCT M170VC	7		R-				21	14		974		MR
SA	0051	5 SCT M18 BKN 25 OVC	5		R-	066	43	41	20	07		974	50019 1521	MR
SA	0146	5 SCT M26 OVC	20		R-	065	42	39	17	06		974		MR
SP	0217	M25 OVC	20		R-				02	21	G28	974	APRNT FROPA WSHFT 03	MR
SA	0248	M21 OVC	7		R-	073	38	38	02	13		976	APRNT FROPA WSHFT 03	MR
RS	0352	30 SCT M55 OVC	15			069	38	37	19	03		975	RE40/00236 18// 36	RD
—			—			—						—	20036 RADAT 75056	
SA	0448	20 SCT E55 BKN	15			071	38	38	05	03		975		RD
SA	0549	20 SCT 55 SCT	15			075	35	34	02	03		977		RD
SA	0650	50 SCT	20			078	34	34	07	03		977	CB SW MOVMT UNK F E/	RD
—			—			—						—	30 L / 1300	—
SA	0749	50 SCT	20			083	37	33	08	05		980		RD
SA	0847	50 SCT	20			086	41	31	24	06		981		RD
SA	0948	M 50 BKN	20			086	43	19	27 32	16	G24	981	2 12 1500 33	RD
SA	1049	E55 BKN	20			086	42	24	30	12		981		RD
SA	1151	35 SCT E50 BKN	20			085	42	18	31	18		980	SWU 5	RD
SA	1250	E45 BKN	20			088	41	24	31	17		980	SWU SE /603 1500	RD
SA	1349	E45 BKN	20			092	42	24	32	10		981		RD
SA	1450	E45 BKN	20			099	42	24	31	08		983		RD
SA	1549	40 SCT 100 SCT E 250 OVC	20			109	42	22	31	13	G21	985	317 1552 43 RADAT	MC
													54053	
SA	1648	40 SCT 100 SCT E250 OVC	20			122	40	22	32	07		988		MC
SA	1750	40 SCT 100 SCT 250- OVC	20			138	37	23	32	07		993		MC
SA	1848	250- BKN	20			152	36	23	34	07		996	232 1571	MC
SA	1948	CLR	20			158	32	23	30	03		997	FEW SC	MC
SA	2049	CLR	20			169	32	23	10	03		000	SC SE	MC
SA	2149	CLR	20			169	32	22	30	03		999	012 1500 5[illegible]	MC
SA	2245	CLR	20			173	31	23	21	04		002		MC
SA	2350	CLR	20			174	30	23	06	05		003		MC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 26

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	51	26.625	31.0	27.2	68	0														0	1	.035			00-01
01	51	26.635	29.1	26.6	72	0														0					01-02
02	50	26.645	27.9	25.8	75	0														0					02-03
03	51	26.655	28.8	25.7	66	0														0	2	.030			03-04
04	49	26.670	27.2	24.8	72	0														0					04-05
05	47	26.675	26.3	24.0	71	0														0					05-06
06	47	26.710	27.8	24.8	66	0	0	Sc	50											0	2	.035			06-07
07	47	26.720	36.6	30.0	46	0														0					07-08
08	48	26.745	38.6	31.8	48	0														0					08-09
09	47	26.765	40.7	32.1	38	0	0	Cu	60											0	2	.055			09-10
10	49	26.760	43.1	33.7	36	0														0					10-11
11	49	26.740	44.8	34.6	33	0														0					11-12
12	48	26.735	45.8	34.8	30	0	0	Cu	60											0	7	.030			12-13
13	46	26.725	46.2	35.6	34	0														0					13-14
14	50	26.720	44.4	34.6	35	0														0					14-15
15	52	26.755	43.9	33.2	28	0														0	3	.020			15-16
16	49	26.785	40.9	31.8	35	0														0					16-17
17	48	26.805	38.2	31.0	44	0														0					17-18
18	47	26.825	37.7	30.8	46	0														0	1	.070			18-19
19	47	26.845	37.6	30.4	43	0														0					19-20
20	49	26.865	36.9	30.0	44	0														0					20-21
21	50	26.865	35.1	28.6	44	0														0	1	.040			21-22
22	50	26.860	33.4	28.2	53	0														0					22-23
23	48	26.845	33.6	28.2	51	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	31	27	X	X						X		
	0342	1	0	0	0	32	27		0								
	0940	2	0	0	0	41	25		0								
	1546	3	0	0	0	47	40		0								
	2149	4	0	0	0	44	35		0								
	MID.	X	0	0	0	35	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26651	26765	26.755	26.865
BAROGRAPH 64	26645	26755	26.770	26.855
BAR. CORR. 65	+.010	+.010	-.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	25	0	0	0	26	NE	1922					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0745P ± 0 Sec./ 1940P ± 0 Sec./ ± Sec.

SP-00
RS-00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 26

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SUBJECT (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (Deg.) (9)	WIND SPEED (Kts.) (10)	WIND HARBOR (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	DATA SOURCE (15)
SA	0051	CLR	20			179	31	20	29	02		004	112	MR
SA	0151	CLR	20			183	29	21	11	04		005		MR
SA	0250	CLR	20			187	28	21	36	05		006		MR
SA	0351	CLR	20			190	29	19	01	03		007	210 29 RADAT 59603 5042	RD
SA	0449	CLR	20			200	27	19	36	04		009		RD
SA	0549	CLR	20			212	26	18	09	06		012		RD
SA	0649	CLR	20			219	28	18	07	08		013	219 1500	RD
SA	0749	CLR	20			219	37	18	03	14		014		RD
SA	0848	CLR	20			225	39	21	04	09		017		RD
SA	0949	CLR	20			231	41	19	04	13		019	219 1100 25	RD
SA	1049	CLR	20			230	43	18	05	14		018		RD
SA	1149	CLR	20			220	45	19	06	17		016		RD
SA	1248	CLR	20			219	46	16	02	20		016	710 1100	RD
SA	1346	CLR	20			215	46	18	06	16		015		RD
SA	1450	CLR	20			214	44	18	05	19		014		RD
SA	1552	CLR	20			228	44	13	04	14G21		018	307 47 RADAT 45053	MR
SA	1649	CLR	20			242	41	15	07	13		022		MR
SA	1748	CLR	20			252	38	18	05	14		024		MR
SA	1847	CLR	20			260	38	19	05	14G20		026	124	MR
SA	1947	CLR	20			262	38	17	04	13G19		028		MR
SA	2049	CLR	20			268	37	17	04	18G25		030		MR
SA	2150	CLR	20			268	35	16	07	07		030	114 47	MR
SA	2250	CLR	20			265	33	18	03	08		029		MR
SA	2346	CLR	20			260	31	18	03	11		028		MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 27

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.845	33.9	28.1	48	0															0	6	.020			00-01
01 47	26.850	34.1	28.1	47	0															0					01-02
02 51	26.850	32.9	27.7	52	0															0					02-03
03 50	26.840	33.6	27.8	48	0															0	8	.005			03-04
04 49	26.830	33.7	28.5	53	0															0					04-05
05 47	26.835	32.0	27.2	54	0															0					05-06
06 47	26.840	32.6	27.8	55	0															0	5	.000			06-07
07 46	26.845	37.0	29.3	38	0															0					07-08
08 47	26.840	39.2	30.4	34	0															0					08-09
09 48	26.845	42.5	32.9	33	0															0	3	.005			09-10
10 48	26.830	46.4	35.0	28	0															0					10-11
11 48	26.810	47.4	35.8	28	0															0					11-12
12 49	26.780	50.1	38.3	31	0	0	Ac	180												0	8	.065			12-13
13 50	26.765	51.6	39.0	29	0															0					13-14
14 50	26.770	51.6	39.6	32	0															0					14-15
15 50	26.775	50.8	38.9	32	0	0	Ac	180												0	5	.005			15-16
16 50	26.790	46.9	37.4	40	0															0					16-17
17 50	26.790	40.4	34.9	59	0															0					17-18
18 50	26.790	44.0	36.0	45	0															0	1	.015			18-19
19 50	26.800	43.0	35.7	49	0															0					19-20
20 45	26.800	43.8	35.8	45	0															0					20-21
21 50	26.800	38.9	33.1	55	0															0	1	.010			21-22
22 50	26.790	38.2	33.0	59	0															0					22-23
23 50	26.780	38.2	33.0	59	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	34	30	X	X						X		
	0345	1	0	0	0	35	30		0								
	0944	2	0	0	0	43	30		0								
	1546	3	0	0	0	53	43		0								
	2146	4	0	0	0	51	39		0								
	MID.	X	0	0	0	39	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.845	26.775	26.800
BAROGRAPH 64	26.825	26.830	26.760	26.775
BAR. CORR. 65	+.015	+.015	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	30	0	0	0	21	NE	1251					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0511P ± 0 Sec./ 2303P ± 0 Sec./ ± Sec.

1550P/54L069/03106/1755P

R/S = 00
S/P = 00

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 27

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			257	34	16	03	12		028	607	MR
SA	0147	CLR	20			259	34	16	02	12		028		MR
SA	0251	CLR	20			261	33	17	02	10		028		MR
SA	0350	CLR	20			258	34	16	04	12		027	802 30 RADAT 38046	JD
SA	0449	CLR	20			255	34	18	05	05		026		JD
SA	0547	CLR	20			260	32	17	03	09		027		JD
SA	0647	CLR	20			263	33	18	03	09		027	500	JD
SA	0746	CLR	20			261	37	14	06	07	618	028		JD
SA	0847	CLR	20			259	39	13	02	13		027		JD
SA	0948	CLR	20			260	43	16	35	09		028	302 30	JD
SA	1048	CLR	20			251	46	15	07	04		026		JD
SA	1148	CLR	20			244	47	16	09	06		024		JD
SA	1249	CLR	20			231	50	21	03	12		021	822 1030	JD
SA	1350	CLR	20			224	52	21	04	12		019		JD
SA	1450	CLR	20			226	52	23	04	12		019	FEW AC	JD
SA	1550	CLR	20			229	51	22	02	11		020	502 1070 53 RADAT	/
													54L069 1037	WRG
SA	1650	CLR	20			236	47	24	04	09		022	FEW AC N	WRG
SA	1750	CLR	20			241	40	27	03	08		022		WRG
SA	1850	CLR	20			238	44	24	04	14		022	105	WRG
SA	1950	CLR	20			240	43	25	04	14		023		WRG
SA	2045	CLR	20			239	44	24	05	14		023		WRG
SA	2150	CLR	20			237	39	24	06	11		023	103 53	WRG
SA	2250	CLR	20			234	38	25	04	09		022		WRG
SA	2350	CLR	20			228	38	25	08	08		021		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 28

To convert LST to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.770	35.2	31.6	69	0															0	7	.030			00-01
01 50	26.760	38.8	33.0	55	0															0					01-02
02 50	26.750	37.2	32.4	61	0															0					02-03
03 50	26.745	35.6	31.8	68	0															0	7	.025			03-04
04 47	26.730	35.2	31.2	66	0															0					04-05
05 47	26.730	35.8	31.4	63	0															0					05-06
06 48	26.745	36.6	31.7	60	0	0	AL	180												0	5	.000			06-07
07 48	26.750	39.1	33.3	55	0															0					07-08
08 49	26.755	42.1	35.0	49	0															0					08-09
09 50	26.750	45.2	36.7	44	0															0	0	.005			09-10
10 48	26.715	46.8	37.2	39	0															0					10-11
11 48	26.680	50.2	39.2	35	0															0					11-12
12 49	26.630	50.7	39.8	36	0															0	7	.120			12-13
13 48	26.615	50.6	39.6	36	0															0					13-14
14 50	26.600	50.6	39.4	35	0															0					14-15
15 50	26.580	50.5	39.3	35	0															0	7	.050			15-16
16 50	26.575	44.8	36.4	44	0															0					16-17
17 50	26.580	39.6	34.6	62	0															0					17-18
18 45	26.580	37.6	33.3	65	0															0	5	.000			18-19
19 50	26.580	37.2	32.8	64	0															0					19-20
20 45	26.580	35.0	31.9	73	0															0					20-21
21 50	26.575	34.2	31.3	74	0															0	8	.005			21-22
22 50	26.575	34.0	31.0	73	0															0					22-23
23 50	26.575	35.4	31.9	67	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	39	34	X	X						X		
	0345	1	0	0	0	39	34		0								
	0945	2	0	0	0	45	34		0								
	1546	3	0	0	0	52	45		0								
	2146	4	0	0	0	51	33		0								
	MID.	X	0	0	0	38	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.745	26.750	26.580	26.575
BAROGRAPH 64	26.730	26.740	26.580	26.575
BAR. CORR. 65	+.015	+.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	33	0	0	0	17	NE	0628					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0434P ± 0 Sec./ 2214P ± 0 Sec./ ± Sec.

R/S = 00

S/P = 00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 28

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0050	CLR	20			226	35	26	10	08		019	710	WRG
SA	0150	CLR	20			219	39	24	06	08		018		WRG
SA	0250	CLR	20			216	37	25	08	09		017		WRG
SA	0350	CLR	20			216	36	26	16	02		017	708 34 RADAT 59062	JD
SA	0447	CLR	20			213	35	25	04	08		015		JD
SA	0547	CLR	20			216	36	24	03	12		015		JD
SA	0648	CLR	20			218	37	24	03	12		017	500 1030	JD
SA	0748	CLR	20			220	39	24	10	03		017		JD
SA	0849	CLR	20			220	42	24	04	10		018		JD
SA	0950	CLR	20			220	45	25	02	09		017	002 34	JD
SA	1048	CLR	20			205	47	23	31	04		014		JD
SA	1148	CLR	20			190	50	24	27	03		010		JD
SA	1249	CLR	20			172	51	25	19	05		004	741	JD
SA	1348	CLR	20			164	51	25	17	05		003		JD
SA	1450	CLR	20			159	51	24	24	05		001		JD
SA	1550	CLR	20			152	51	24	24	04		998	717 52 RADAT 40L 016077099	WRG
SA	1650	CLR	20			154	45	24	27	04		998		WRG
SA	1750	CLR	20			159	40	28	04	05		998		WRG
SA	1845	CLR	20			160	36	27	36	04		998	500	WRG
SA	1950	CLR	20			159	37	26	00	00		998		WRG
SA	2045	CLR	20			158	35	27	01	05		998		WRG
SA	2150	CLR	20			155	34	27	02	07		998	802 52	WRG
SA	2250	CLR	20			153	34	26	29	05		998		WRG
SA	2350	CLR	20			151	36	26	03	08		998		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 29

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570	33.0	30.4	75	0															0	8	.005			00-01
01 50	26.565	31.6	29.7	79	0															0					01-02
02 50	26.550	30.6	28.8	81	0															0					02-03
03 49	26.550	29.1	27.8	85	0															0	6	.020			03-04
04 49	26.545	28.2	27.2	87	0															0					04-05
05 47	26.545	27.3	26.5	89	0															0					05-06
06 47	26.560	27.0	26.2	88	0	0	Ci	250												0	3	.010			06-07
07 48	26.570	33.4	31.2	80	1															0					07-08
08 47	26.580	41.2	35.3	57	1															0					08-09
09 49	26.590	45.1	37.1	47	2	2	Ci	250												0	2	.030			09-10
10 46	26.585	48.3	38.7	41	2															0					10-11
11 47	26.555	49.0	38.7	38	4															0					11-12
12 47	26.535	50.0	39.4	37	9	9	Cs	250												0	8	.055			12-13
13 48	26.530	51.1	40.0	36	10															1					13-14
14 50	26.530	51.7	40.1	34	10															3					14-15
15 50	26.540	49.1	38.8	38	10	4	Ac	160	6	Cs	E250	10								7	3	.005			15-16
16 50	26.540	46.2	38.0	45	10															6					16-17
17 50	26.550	41.2	36.7	67	10															5					17-18
18 50	26.550	40.3	35.9	67	10	6	Ac	E120	4	Cs	250	10								6	1	.010			18-19
19 50	26.550	38.9	35.3	72	10															4					19-20
20 45	26.550	39.3	36.2	76	10															6					20-21
21 50	26.575	40.2	36.6	72	10	7	Ac	E120	3	Cs	250	10								8	3	.025			21-22
22 50	26.585	38.9	35.6	74	10															6					22-23
23 50	26.575	39.2	35.9	74	10															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	36	29	X	X						X		
	0345	1	0	0	0	38	29		0								
	0945	2	0	0	0	45	26		0								
	1546	3	0	0	0	52	45		0								
	2146	4	0	0	0	49	37		0								
	MID.	X	0	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.580	26.570	26.575
BAROGRAPH 64	26.530	26.570	26.570	26.575
BAR. CORR. 65	+.020	+.020	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	26	0	0	0	13	SW	1251					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0528P ±0 Sec./ 2209P ±0 Sec./ ± Sec.

0449P/0449P

2045P/2045P

R/S = 00

S/P = 00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 29

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEQUENCE NUMBER (14)
SA	0050	CLR	20			150	33	26	03	07		998	802	WRG
SA	0150	CLR	20			148	32	26	09	03		997		WRG
SA	0250	CLR	20			143	31	25	12	05		995		WRG
SA	0349	CLR	20			145	29	25	13	02		995	607 29 RADAT23M084092096	JD
SA	0449	CLR	20			146	28	26	04	02		995		JD
SA	0547	CLR	20			151	27	24	10	02		995		JD
SA	0647	CLR	20			158	27	24	06	02		996	303 1001	JD
SA	0748	250 -SCT	20			158	33	28	00	00		997		JD
SA	0847	250 -SCT	20			159	41	27	20	02		998		JD
SA	0949	250 -SCT	20			161	45	26	27	04		999	210 1001 26	JD
SA	1046	250 -SCT	20			157	48	26	24	05		999		JD
SA	1147	250 -SCT	20			144	49	24	25	07		996		JD
SA	1247	250 -BKN	20			137	50	25	20	08		994	819 1008	JD
SA	1348	250 -OVC	20			135	51	25	24	09		993		JD
SA	1450	250 -OVC	20			135	52	24	24	05		993		JD
SA	1550	160 SCT E250 OVC	20			143	49	25	00	00		994	302 107752 RADAT22095	WRG
SA	1650	160 SCT E250 OVC	20			145	46	27	21	03		994		WRG
SA	1750	160 SCT 250 - OVC	20			152	41	31	04	05		995		WRG
SA	1850	E120 BKN 250 OVC	20			154	40	30	09	04		995	103 1077	WRG
SA	1950	120 SCT 250 -OVC	20			151	39	31	03	04		995		WRG
SA	2050	E120 BKN 250 OVC	20			144	39	32	00	00		995		WRG
SA	2150	E120 BKN 250 OVC	20			152	40	32	00	00		998	304 1077 52	WRG
SA	2250	120 SCT E250 OVC	20			153	39	31	33	05		999		WRG
SA	2350	120 SCT E250 OVC	20			149	39	32	02	06		998		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 NOV 30

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.565	40.3	36.0	67	10	7	AC	E120	3	CS	250	10								8	8	.010			00-01
01 50	26.555	39.7	35.9	70	10															8					01-02
02 50	26.550	38.3	35.6	78	10															8					02-03
03 50	26.540	37.1	35.5	87	10	4	AC	120	6	CS	E250	10								8	7	.025			03-04
04 46	26.540	37.9	35.2	78	10															8					04-05
05 49	26.545	38.6	35.5	75	10															8					05-06
06 50	26.545	37.5	35.4	83	10	3	AC	120	7	CS	E250	10								8	2	.005			06-07
07 51	26.545	40.4	35.8	65	10															9					07-08
08 50	26.570	42.3	36.8	61	10															9					08-09
09 51	26.560	46.6	38.2	46	10	3	AC	150	7	CI	E250	10								8	0	.015			09-10
10 49	26.545	48.3	39.5	46	10															7					10-11
11 50	26.570	50.3	40.0	39	10															8					11-12
12 49	26.500	53.0	41.0	34	8	1	AC	150	7	CI	250	8								3	6	.060			12-13
13 51	26.480	53.8	41.6	34	7															3					13-14
14 50	26.470	51.7	40.9	38	8															6					14-15
15 50	26.470	50.3	40.7	43	9	9	CI	E250												7	6	.030			15-16
16 48	26.485	47.3	40.0	53	10															9					16-17
17 49	26.500	44.3	39.0	63	10															10					17-18
18 50	26.510	43.0	39.2	72	9	9	CI	E250												9	2	.040			18-19
19 50	26.530	42.8	38.6	70	10															10					19-20
20 50	26.540	40.7	37.3	74	10															9					20-21
21 51	26.550	39.1	36.1	76	6	6	CI	E250												4	2	.040			21-22
22 49	26.560	42.3	37.0	61	4															3					22-23
23 49	26.540	39.2	36.0	75	5															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	40	36	X	X						X		
	0341	1	0	0	0	40	36		0								
	0945	2	0	0	0	48	37		0								
	1546	3	0	0	0	56	47		0								
	2147	4	0	0	0	51	38		0								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.470	26.550
BAROGRAPH 64	26.550	26.575	26.500	26.545
BAR. CORR. 65	-.010	-.015	-.030	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	36	0	0	0	19	E	0931					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0913P @ 0 Sec./ 1955P ± 0 Sec./ ± Sec.

0050P/30/0050P
1648/119/0005P

5P=00
RS=00

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 NOV 30

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	E120 BKN 250 OVC	20			145	40	30	15	06		997	803 1077	WRG
SA	0150	E120 BKN 250 OVC	20			141	40	31	04	04		996		WRG
SA	0250	120 SCT E250 OVC	20			139	38	32	00	00		995		WRG
SA	0350	120 SCT E250 OVC	20			137	37	33	03	03		994	708 1057 36 RADAT 38099	~~WRG~~
SA	0446	120 SCT E250 OVC	20			139	38	32	04	03		994		~~WRG~~
SA	0549	120 SCT E250 OVC	20			142	39	31	14	03		995		~~WRG~~
SA	0650	120 SCT E250 OVC	20			145	38	33	34	05		995	202 1057	~~WRG~~
SA	0751	120 SCT E250 OVC	20			144	40	30	25	06		995		~~WRG~~
SA	0850	150 SCT E250 OVC	20			151	42	30	01	04		997	BINOVC	~~WRG~~
SA	0951	150 SCT E250 OVC	20			144	47	27	09	04		996	005 1056 36	~~WRG~~
SA	1049	150 SCT E250 OVC	20			138	48	28	14	05		995		~~WRG~~
SA	1150	150 SCT E250 OVC	20			124	50	27	33	02		991	BINOVC	~~WRG~~
SA	1249	150 SCT 250-BKN	20			117	53	25	32	05		990	620 1051	~~WRG~~
SA	1351	250-BKN	20			109	54	26	36	02		987		~~WRG~~
SA	1450	E220 BKN	20			109	52	27	12	10		986		~~WRG~~
SA	1550	E250 BKN	20			109	50	29	11	07		987	610 1002 56 RADAT 34094	HS
SA	1648	E250 OVC	20			114	47	31	12	09		988		HS
SA	1749	E250 OVC	20			124	44	33	28	04		990		HS
SA	1850	E250 BKN	20			127	43	35	23	03		991	214 1002	HS
SA	1950	E250 OVC	20			135	43	34	02	06		993		HS
SA	2050	E250 OVC	20			139	41	33	13	04		994		HS
SA	2151	E250 BKN	20			141	39	32	07	06		996	214 1002 56	HS
SA	2249	250 SCT	20			142	42	30	08	05		997		HS
SA	2349	250 SCT	20			135	39	32	07	05		994		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123