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: February | 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 0400	WIND AVERAGE SPEED (knots)	PEAK SPEED (knots)	DIRECTION	SUNSHINE TOTAL (Min.)	PER CENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	51	33	42		23					8.9	18	NE	26.5	76	0		46	35	21	46
2	42	31	37		28		T	T		8.5	19	NE	26.4	80	10	SW	45	43	38	71
3	39	33	36		29		.04	E0.4		7.0	12	NE	26.3	79	10	SW, RW	82	71	67	66
4	48	34	41		24					6.5	14	S	26.4	23	6		59	47	42	71
5	47	35	41		24		.15			4.8	14	S	26.5	56	10	RW	63	62	51	88
6	42	36	39		26		.18			2.5	9	S	26.6	40	10	F, L, R, RW	92	85	85	93
7	51	41	46		19		T			7.5	31	S	26.5	45	10	F	86	86	76	77
8	55	42	49		16		.01			10.6	31	SW	26.4	70	2	RW	77	55	42	63
9	57	34	46		19					5.1	15	SW	26.6	70	7		87	70	44	84
10	62	35	49		16					5.6	13	N	26.6	60	9		84	60	26	42
11	61	41	51		14					7.0	14	NE	26.7	40	10		47	42	29	62
12	62	36	49		16					7.6	16	SE	26.6	90	10		67	42	31	42
13	58	41	50		15		.13			12.5	34	SW	26.6	25	4	RW	53	50	21	40
14	58	37	48		17					9.2	19	N	26.7	83	3		47	36	20	39
15	60	37	49		16					5.8	16	NE	26.7	03	10		50	32	22	57
16	66	38	52		13					7.5	19	NE	26.6	70	5		51	38	21	51
17	66	36	51		14					4.5	12	W	26.7	45	8		61	30	20	43
18	68	40	54		11		T			15.4	37	SW	26.5	18	3	RW	56	23	26	34
19	60	36	48		17					12.5	28	NE	26.7	44	0		28	29	11	24
20	62	40	51		14					9.4	21	NE	26.7	89	7		23	18	11	24
21	67	40	54		11					5.3	17	S	26.7	01	7		39	20	14	42
22	73	40	57		8					4.6	14	E	26.5	98	8		46	20	11	34
23	66	40	53		12					6.3	15	E	26.4	33	10		49	19	18	37
24	62	42	52		13		.03			6.5	30	E	26.3	29	9	RW	55	44	77	74
25	54	41	48		17		.03			7.8	23	SW	26.4	44	9	RW	79	74	54	54
26	60	43	52		13					11.7	35	S	26.4	55	7		60	52	42	45
27	57	47	52		13		.11			18.5	44	S	26.4	63	10	RW	55	68	56	63
28	60	45	53		12					10.1	26	S	26.4	69	10		56	51	48	62
29																				
30																				
31																				
SUM	1614	1074	—	—	470	0	.68	E0.4	—	299.2	—	—	744.2	88	204	—	1643	1303	1024	1528
AVG	57.6	38.4	—	—	—	—	—	—	—	10.7	FASTEST	DIRECTION	POSSIBLE	—	7.3	—	58.7	46.5	36.6	54.6
										MISC. →	57	SW	26.5	82		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 48.0

DEPARTURE FROM NORMAL —

HIGHEST 73 ON 22

LOWEST 31 ON 2

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 1

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 470

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 2506

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .68 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST Daily ~~IN 24~~ HRS. .18 ON 6

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH E 0.4 IN.

GREATEST Daily ~~IN 24~~ HRS. E 0.4 ON 3

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 5

PARTLY CLOUDY (Scale 4–7) 7

CLOUDY (Scale 8–10) 16

WITH 0.01 INCH OR MORE PRECIP. 8

WITH 0.10 INCH OR MORE PRECIP. 4

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = FOG
L = DRIZZLE
R = RAIN
RW = RAINSHOWER
SW = SNOWSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA LEVEL~~ 26.845 IN. ON 20

LOWEST ~~SEA LEVEL~~ 26.220 IN. ON 24

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1 FEB 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)	ALTIM. ETER SET-TING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			159	35	16	04	11		999	002	MR
SA	0146	CLR	20			156	35	17	05	12		999		MR
SA	0248	CLR	20			156	34	16	04	11		999		MR
SA	0352	CLR	20			155	34	15	05	11		998	803 34 RADAT 43055	CG
SA	0448	CLR	20			162	33	15	04	10		999		CG
SA	0546	CLR	20			164	33	15	04	09		999		CG
SA	0647	CLR	20			165	33	15	04	11		999	103	CG
SA	0747	CLR	20			168	36	15	05	08		001		CG
SA	0847	CLR	20			171	39	14	05	13		002		CG
SA	0948	CLR	20			173	41	15	04	14		003	210 33	CG
SA	1049	CLR	20			169	44	14	02	12		002		CG
SA	1152	CLR	20			159	47	14	04	08		999		CG
SA	1248	CLR	20			147	49	9	02	07		996	820	CG
SA	1350	CLR	20			139	49	11	01	09		994		CG
SA	1449	CLR	20			131	50	14	04	09		992		CG
SA	1548	CLR	20			137	49	11	01	10		993	508 51 RADAT 41064	MR
SA	1648	CLR	20			142	47	13	02	07		995		MR
SA	1748	CLR	20			145	44	14	07	05		995		MR
SA	1847	CLR	20			154	38	20	03	04		996	308	MR
SA	1950	CLR	20			156	39	19	05	10		997		MR
SA	2047	CLR	20			156	38	15	07	09		998		MR
SA	2147	CLR	20			154	36	17	07	06		997	003 51	MR
SA	2247	CLR	20			152	35	16	07	03		997		MR
SA	2349	250-BKN	20			149	34	17	06	05		997		MR

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

FM12-VII: Iiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7ww_1W_2$ $8N_hC_LC_MC_H$

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, NV

DATE: 1 FEB 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 45	26.590	35.1	28.7	45	0															0	0	.005			00-01
01 46	26.585	34.9	28.7	46	0															0					01-02
02 48	26.585	34.1	28.0	46	0															0					02-03
03 52	26.580	33.9	27.8	46	0															0	8	.010			03-04
04 48	26.590	32.8	27.1	47	0															0					04-05
05 46	26.590	32.5	27.0	48	0															0					05-06
06 47	26.590	32.8	27.0	47	0															0	1	.010			06-07
07 47	26.600	35.9	29.0	43	0															0					07-08
08 47	26.610	39.1	30.6	36	0															0					08-09
09 48	26.620	41.0	31.8	35	0															0	2	.030			09-10
10 49	26.610	43.5	33.1	30	0															0					10-11
11 52	26.590	46.7	35.0	27	0															0					11-12
12 48	26.560	48.6	35.0	19	0															0	8	.060			12-13
13 50	26.540	49.1	35.6	21	0															0					13-14
14 49	26.520	49.9	36.6	23	0															0					14-15
15 48	26.535	49.0	35.6	21	0															0	5	.025			15-16
16 48	26.545	47.1	35.0	25	0															0					16-17
17 48	26.545	44.0	33.4	29	0															0					17-18
18 47	26.560	38.0	31.2	47	0															0	3	.025			18-19
19 50	26.570	39.0	31.6	44	0															0					19-20
20 47	26.575	38.0	30.2	39	0															0					20-21
21 47	26.570	35.7	29.3	46	0															0	0	.010			21-22
22 47	26.565	34.5	28.4	47	0															0					22-23
23 49	26.565	34.0	28.2	49	7															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 0346	X	0	0	X	35	34	X	X						X		
	0346	1	0	0	0	37	34		0								
	0943	2	0	0	0	41	33		0								
	1543	3	0	0	0	51	41		0								
	2142	4	0	0	0	49	35		0								
	MID.	X	0	0	0	36	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0948	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.620	26.535	26.570
BAROGRAPH 64	26.575	26.620	26.545	26.565
BAR. CORR. 65	+.005	*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 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
51	33	0	0	0	18	NE	0753					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: 0910P ✓3 Sec. / 1653P ✓2 Sec. / ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.
✓ LAST OF SEVERAL OCCURENCES

RS-0 / SP-0

MF1-10B (1-82) SUPERSEDES MF1-109 (2-79) WHICH MAY BE USED.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 2 FEB 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	CLR	20			144	33	16	05	05		995	807 1001	MR
SA	0148	250- SCT	20			138	34	15	07	06		994		MR
SA	0249	250- OVC	20			144	32	15	22	08		995		MR
SA	0349	E250 OVC	20			143	34	15	08	04		995	500 1007 31 RADAT 41058	JD
SA	0447	E250 OVC	20			144	34	14	07	08		995		JD
SA	0547	E250 OVC	20			145	33	15	05	09		995		JD
SA	0647	E250 OVC	20			150	34	13	04	07		995	500 1007	JD
SA	0747	E250 OVC	20			147	34	15	03	06		995		JD
SA	0846	E240 OVC	20			149	36	15	08	04		995		JD
SA	0949	160 SCT E230 OVC	20			150	38	18	09	07		995	500 1057 31	JD
SA	1048	160 SCT E220 OVC	20			141	40	17	11	10		993		JD
SA	1148	E150 BKN 200 OVC	20			128	40	17	12	09		989		JD
SA	1248	110 SCT E140 OVC	20			117	42	16	11	10		986	827 1071	JD
SA	1347	110 SCT E140 OVC	20			109	42	18	12	10		984		JD
SA	1450	90 SCT E120 OVC	20			107	41	18	09	10		983		JD
SA	1549	E100 OVC	20			094	42	18	08	12		980	820 1071 42 RADAT 47050	HS
SA	1647	E100 OVC	20			091	41	18	10	12		979		HS
SA	1749	E100 OVC	20			091	42	14	07	05		979		HS
SA	1848	E70 OVC	20			100	39	21	15	09		981	303 1511	HS
SA	1947	M34 OVC	20			100	38	21	20	04		981		HS
SA	2048	M32 OVC	20			100	36	30	22	07		981		HS
SA	2149	M32 OVC	20			095	36	27	03	13		980	803 1511 42	HS
SA	2247	M32 OVC	20			090	36	26	04	18		979		HS
SA	2347	M300VC	20		SW-	081	36	27	04	11		977	SB0650 PCPN VRY LGT	HS

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 2 FEB 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 48	26.550	33.1	27.6	50	0	0	Cl	250												0	8	.020			00-01
01 48	26.540	34.2	27.9	45	2															0					01-02
02 49	26.550	32.1	26.8	50	10															1					02-03
03 49	26.550	33.8	27.6	45	10	10	Cs	E250												7	5	.000			03-04
04 47	26.550	34.2	27.8	43	10															7					04-05
05 47	26.545	33.4	27.5	47	10															8					05-06
06 47	26.550	33.7	27.2	42	10	10	Cs	E250												10	5	.000			06-07
07 47	26.545	33.6	27.5	45	10															10					07-08
08 46	26.550	36.1	29.1	42	10															10					08-09
09 49	26.550	38.1	30.8	43	10	1	Ac	160	10	Cs	E230	10								10	5	.000			09-10
10 48	26.530	39.8	31.6	39	10															10					10-11
11 48	26.495	40.4	32.1	39	10															10					11-12
12 48	26.470	42.1	32.8	35	10	3	Ac	110	7	Ac	E140	10								10	8	.080			12-13
13 47	26.450	41.6	33.0	38	10															10					13-14
14 50	26.440	41.1	32.6	38	10															10					14-15
15 49	26.410	42.2	33.4	38	10	10	Ac	E100												10	8	.060			15-16
16 47	26.400	41.2	32.7	39	10															10					16-17
17 49	26.400	42.0	32.3	32	10															10					17-18
18 48	26.420	38.7	31.9	48	10	10	Sc	E70												10	3	.010			18-19
19 47	26.420	38.4	31.8	49	10															10					19-20
20 48	26.420	36.2	33.4	77	10															10					20-21
21 49	26.410	35.7	32.3	71	10	10	Sc	M32												10	8	.010			21-22
22 47	26.400	36.0	32.0	67	10															10					22-23
23 47	26.380	36.2	32.4	68	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	35	31	X	X						X		
	0345	1	0	0	0	36	31		0								
	0946	2	0	0	0	38	33		0								
	1544	3	0	0	0	42	38		0								
	2144	4	0	0	0	42	36		0								
	MID.	X	T	*T	0	36	36	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	26.550	26.410	26.410
BAROGRAPH 64	26.550	26.545	26.415	26.405
BAR. CORR. 65	0	+.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 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
42	31	T	*T	0	19	NE	2203					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	2250	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: 0433P 02 Sec. / 2050P 02 Sec. / ± Sec.

*T - MELTED AS IT FELL

RS-015P-0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 3 FEB 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. SERVER'S INITIALS (15)
SA	0047	M30 OVC	20		SW-	078	36	27	06	10		976	71400 15//	HS
SA	0147	E30 OVC	10		SW-	079	34	30	10	05		976		HS
SA	0245	E30 OVC	20		SW-	075	34	30	07	05		974	PCPN VRY LGT	HS
SP	0325	M14 OVC	10						09	05		975	SE25	JD
SA	0348	M17 OVC	10		SW-	078	34	29	04	07		975	SE15B40 PCPN VRY LGT	/
/													50001 15// 34 20001	/
/													RADAT 91037	JD
SA	0448	M15 OVC	5		SW-	080	33	30	10	05		975	MOON DMLY VSBL	JD
SA	0547	M17 OVC	5		SW-	079	34	29	09	05		975		JD
SP	0640	11 SCT M18 BKN 25 OVC	10						07	07		977	SE40	JD
SA	0650	11 SCT M18 BKN 25 OVC	15			085	34	29	11	05		977	SE40 30501 15//	JD
SP	0720	18 SCT M32 OVC	20						09	06		978		JD
SA	0747	18 SCT M32 BKN 50 OVC	20			090	35	29	08	04		979		JD
SA	0810	18 SCT M32 BKN 50 OVC	20		SW-				02	05		979	SB08 PCPN VRY LGT	JD
SA	0847	18 SCT M32 OVC	15		SW-	096	36	28	03	03		980	SB08	JD
SA	0947	18 SCT M32 BKN 50 OVC	15		SW-	096	37	28	09	06		980	PCPN VRY LGT 20802 15// 33	JD
SA	1046	18 SCT M32 BKN 50 OVC	15		SW-	095	37	28	09	08		980	PCPN VRY LGT	JD
SA	1148	18 SCT M32 BKN 50 OVC	20			088	38	28	10	07		978	SE10	JD
SA	1248	18 SCT M32 OVC	15		SW-	080	38	29	11	09		975	SB18 81400 15//	JD
SP	1335	M28 BKN 35 OVC	15		SW-				10	06		975	PCPN VRY LGT	JD
SA	1349	M28 BKN 35 OVC	10		SW-	077	38	30	10	08		974		JD
SA	1450	M28 BKN 35 OVC	15		RW-	077	39	29	11	09		974	SE11RB11 PCPN VRY LGT	JD
SA	1550	M28 BKN 90 OVC	15			072	39	29	10	10		973	RE20 70701 1521 39	/
/													RADAT 82046	HS
SA	1649	M28 BKN 900VC	20			074	38	28	11	07		973		HS
SP	1727	30SCT 50SCT E100 OVC	20						11	08		973		HS
SA	1747	30SCT 50SCT E100 OVC	20			076	38	29	11	08		974		HS
SA	1847	M50 BKN 100 OVC	20			083	38	28	09	09		976	308 1521	HS
SA	1947	M50 OVC	20			085	38	28	03	07		977		HS
SA	2048	M50 OVC	20			084	37	27	04	07		977		HS
SA	2150	M50 OVC	20			086	37	27	05	07		977	203 15// 39	HS
SA	2247	50SCT E110 OVC	20			084	37	25	04	08		977		HS
SA	2347	50SCT E110 BKN	20			080	35	26	01	10		976		HS

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

FM12-VII: IIiii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 3 FEB 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 47	26.370	35.8	32.3	70	10	10	Sc	M30												10	7	.040			00-01
01 47	26.370	34.0	32.3	85	10															10					01-02
02 45	26.360	34.0	32.2	84	10															10					02-03
03 48	26.370	34.2	32.2	82	10	10	Sc	M17												10	5	.000			03-04
04 48	26.370	33.4	31.9	86	10															10					04-05
05 47	26.370	33.9	31.9	82	10															10					05-06
06 50	26.385	34.0	31.9	81	10	1	CUFRA	11	7	Sc	M18	8	2	Sc	25	10				10	3	.015			06-07
07 47	26.395	34.6	32.2	78	10															10					07-08
08 47	26.410	36.0	32.7	72	10															10					08-09
09 47	26.410	36.6	33.2	71	10	1	CUFRA	18	8	Sc	M32	9	1	Sc	50	10				10	2	.025			09-10
10 46	26.410	37.4	33.6	69	10															10					10-11
11 48	26.390	38.0	33.8	66	10															10					11-12
12 48	26.370	38.2	34.2	68	10	3	CUFRA	18	7	Sc	M32	10								10	8	.040			12-13
13 49	26.360	38.4	34.7	70	10															10					13-14
14 50	26.360	38.9	34.7	67	10															10					14-15
15 50	26.350	38.9	34.7	67	10	6	Sc	M28	4	As	90	10								10	7	.020			15-16
16 49	26.350	38.2	34.1	67	10															10					16-17
17 47	26.360	37.7	33.9	69	10															10					17-18
18 47	26.375	37.7	33.8	69	10	7	Sc	M50	3	As	100	10								10	3	.025			18-19
19 47	26.380	37.6	33.8	69	10															10					19-20
20 48	26.380	37.1	32.9	66	10															10					20-21
21 50	26.385	37.2	33.0	66	10	10	Sc	M50												10	2	.010			21-22
22 47	26.380	36.8	32.2	62	10															10					22-23
23 47	26.370	35.4	31.6	68	8															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 0344		.01	T*		36	34										
	0344	1	.01	T*	0	36	34		2								
	0944	2	.02	T*	0	37	33		2								
	1545	3	.01	T*	0	39	37		2								
	2145	4	0	0	0	39	37		1								
	MID.		0	0	0	37	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.410	26.350	26.385
BAROGRAPH 64	26.360	26.405	26.345	26.385
BAR. CORR. 65	+.010	+.005	+.005	±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
39	33	.04	T*	0	12	NE	1953					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	CONTD	0325			
SW-	0340	0640			
SW-	0808	1110			
SW-	1248	1411			
RW-	1411	1520			

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: 0535P ±2 Sec./ 2050P ±2 Sec./ ± Sec.

* MELTED AS FELL

0348/3E25/0600

0810/0810

RS-01 SP-6

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 4 FEB 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0048	50 SCT E110 BKN	20			076	35	25	03	09		974	708 1520	HS
SA	0149	50 SCT E110 OVC	20			076	35	24	05	10		974	MOON DMLY VSBL	HS
SA	0245	50 SCT E110 BKN	20			073	35	24	05	09		973		HS
SA	0352	M 55 OVC	20			071	36	23	05	10		973	803 15// 34 RADAT 69047	JD
SA	0446	M 50 OVC	20			077	36	23	04	08		974		JD
SA	0548	M 50 OVC	20			082	36	23	04	07		976		JD
SA	0647	45 SCT M50 OVC	20			088	36	23	05	07		978	314 15//	JD
SA	0748	45 SCT E60 OVC	20			094	37	22	06	06		980	BINOVC	JD
SA	0848	50 SCT 250 -OVC	20			093	40	22	05	04		980		JD
SA	0947	250 -OVC	20			099	43	24	00	00		982	214 1007 34	JD
SA	1049	250 -OVC	20			099	43	25	21	09		982		JD
SA	1147	250 -BKN	20			095	45	27	20	08		981	SC ALQDS	JD
SA	1248	40 SCT 250 -SCT	20			088	47	26	21	12		980	808 1501	JD
SA	1347	40 SCT 250 SCT	20			084	47	25	23	05		979		JD
SA	1450	40 SCT	20			090	47	24	23	10		980		JD
SA	1550	40 SCT	20			089	47	25	25	09		980	302 1500 48 RADAT 60057	JD
SA	1647	40 SCT	20			096	45	25	24	08		982		HS
SA	1747	40 SCT	20			101	45	21	28	05		983		HS
SA	1848	40 SCT	20			113	40	27	03	04		986	217 1500	HS
SA	1947	CLR	20			119	37	28	35	05		987	FEW SC	HS
SA	2048	40 SCT	20			124	37	28	31	03		989		HS
SA	2147	40 SCT	20			125	37	29	05	02		990	214 1500 48	HS
SA	2247	40 SCT	20			130	36	29	03	04		991		HS
SA	2348	40 SCT	20			133	35	28	10	03		992		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 4 FEB 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 48	26.360	35.0	31.2	67	9	4	Sc	50	5	As	E110	9								9	7	.025			00-01
01 49	26.360	35.2	31.0	64	10															10					01-02
02 45	26.350	35.4	31.0	63	8															8					02-03
03 52	26.350	36.0	31.1	59	10	10	Sc	455												10	8	.010			03-04
04 46	26.360	36.0	31.1	59	10															10					04-05
05 48	26.375	36.1	31.0	58	10															10					05-06
06 47	26.390	35.9	30.9	58	10	1	Sc	45	9	Sc	450	10								10	3	.040			06-07
07 48	26.405	36.7	31.2	55	10															10					07-08
08 48	26.410	39.8	33.0	50	10															3					08-09
09 47	26.430	42.7	35.2	47	10	10	Cs	250												1	2	.040			09-10
10 49	26.430	43.3	35.9	48	10															1					10-11
11 47	26.420	45.0	37.4	49	9															1					11-12
12 48	26.405	46.6	37.8	43	3	1	Sc	40	2	Ci	250	3								1	8	.025			12-13
13 47	26.395	47.2	37.9	41	1															1					13-14
14 50	26.410	47.3	37.8	40	1															1					14-15
15 50	26.410	47.1	37.9	42	1	1	Sc	40												1	3	.005			15-16
16 47	26.425	45.4	36.8	44	1															1					16-17
17 47	26.440	45.0	35.6	38	3															3					17-18
18 48	26.460	40.0	34.8	60	1	1	Sc	40												1	2	.050			18-19
19 47	26.470	37.2	33.4	69	0															0					19-20
20 48	26.490	36.6	33.1	71	2															2					20-21
21 47	26.500	37.4	33.9	71	1	1	Sc	40												1	2	.040			21-22
22 47	26.510	35.8	32.9	75	2															2					22-23
23 48	26.520	35.2	32.4	76	4															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	37	34	X	X						X		
	0345	1	0	0	0	37	34		0								
	0945	2	0	0	0	43	36		0								
	1546	3	0	0	0	48	43		0								
	2142	4	0	0	0	47	36		0								
	MID.	X	0	0	0	37	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0946	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.436	26.410	26.500
BAROGRAPH 64	26.350	26.420	26.410	26.495
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 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
48	34	0	0	0	14	S	1249					6	6		

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: 0523P ±2 Sec./ 2050P ±2 Sec./ ± Sec.

0352/20003/0720P

RS-0/SP-0

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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 5 FEB 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 (14)	VISIBILITY (Miles) TOWER (14J)	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. SERVERS INITIALS (15)
SA	0048	50 SCT	20			127	37	29	12	02		991	003 1500	HS
SA	0148	50 SCT	20			127	36	29	11	10		991		HS
SA	0249	50 SCT	20			124	37	28	10	06		990		HS
SA	0349	M45 OVC	20			126	39	27	04	03		991	500 15// 35 RADAT 67054	JD
SA	0447	M41 OVC	20			131	37	29	09	04		992		JD
SA	0548	M41 OVC	20			136	37	29	36	02		993		JD
SA	0648	M41 OVC	20			146	38	29	01	02		995	B1NOVC SE 314 15//	JD
SA	0749	M41 BKN 100 BKN 230 OVC	20			152	38	31	08	03		996	RB17E29 RWU NE	JD
SA	0849	45 SCT 100 SCT 230 OVC	20			154	41	30	00	00		997	RWU NW	JD
SA	0949	45 SCT 90 SCT 230 OVC	20			157	43	31	12	07		999	21200 1557 35	JD
SA	1047	45 SCT 90 SCT E230 OVC	20			158	44	30	36	02		999		JD
SA	1149	45 SCT E80 BKN 230 OVC	20			154	45	27	12	07		998		JD
SA	1249	35 SCT E80 OVC	20			144	45	29	13	07		995	812 157/	JD
SA	1348	35 SCT E80 OVC	20			138	45	29	11	03		994		JD
SA	1450	35 SCT E70 BKN 200 OVC	20			136	45	27	18	02		993		JD
SA	1548	35 SCT E70 BKN 250 OVC	20			135	46	29	13	07		993	607 1578 47 RADAT 83056	HS
SA	1648	35 SCT E70 OVC	20		RW-	139	46	29	19	14		994	RB44	HS
SA	1747	E35 BKN 70 OVC	20		RW-	149	42	34	14	04		997	PCPN VRY LGT	HS
SP	1819	M23 BKN 700VC	16		RW-				24	07		998		HS
SA	1848	M18 BKN 70 OVC	10		RW-	154	40	36	24	06		998	CIG RGD 21402 1521	HS
SP	1937	M12 OVC	10		RW-				28	06		999	CIG RGD	HS
RS	1948	M9 OVC	10		RW-	161	39	35	26	06		000	CIG RGD	HS
SA	2047	M9 OVC	10		RW-	166	39	33	30	05		002	CIG RGD	HS
SA	2149	M8 OVC	10		RW-	164	37	33	32	05		001	CIG RGD 01012 17// 47	HS
SP	2228	M13 OVC	10		RW-				34	05		003	CIG RGD	HS
SA	2347	M14 OVC	10		RW-	169	37	33	35	04		003	CIG RGD	HS
SA	2348	M15 OVC	10		RW-	170	37	34	02	03		003	CIG RGD	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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 5 FEB 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 48	26.510	36.6	33.6	75	5	5	Sc	50												5	0	.010			00-01
01 48	26.510	36.0	33.6	74	5															5					01-02
02 49	26.500	36.6	33.2	72	5															5					02-03
03 49	26.510	38.8	34.0	63	10	10	Sc	M45												10	5	.000			03-04
04 47	26.520	37.1	33.8	73	10															10					04-05
05 48	26.530	37.2	33.6	71	10															10					05-06
06 48	26.550	38.0	34.4	71	10	10	Sc	44												10	3	.040			06-07
07 49	26.560	37.7	34.8	76	10															10					07-08
08 49	26.570	40.6	36.0	65	10															4					08-09
09 49	26.585	43.1	37.7	62	10	1	Sc	45	0	Ac	90	1	10	Cs	230	10				4	2	.035			09-10
10 47	26.585	44.0	37.7	56	10															7					10-11
11 49	26.575	45.1	37.5	49	10															9					11-12
12 49	26.550	44.5	37.6	53	10	3	Sc	35	7	Ac	E80	10								10	8	.035			12-13
13 48	26.535	44.8	37.8	53	10															10					13-14
14 50	26.530	45.3	37.6	49	10															10					14-15
15 48	26.530	46.0	38.5	51	10	4	Sc	35	4	Ac	E70	8	2	Cs	250	10				10	6	.020			15-16
16 48	26.540	46.3	38.8	51	10															10					16-17
17 47	26.560	42.2	38.4	72	10															10					17-18
18 48	26.570	40.0	38.0	84	10	7	Sc	M18	3	As	70	10								10	2	.040			18-19
19 48	26.590	39.0	37.2	86	10															10					19-20
20 47	26.610	39.1	36.5	80	10															10					20-21
21 49	26.600	36.6	35.2	88	10	10	CuFRA	M8												10	0	.030			21-22
22 47	26.615	36.5	35.1	88	10															10					22-23
23 48	26.620	37.2	35.8	89	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	35	X	X						X		
	0345	1	0	0	0	39	35		0								
	0945	2	T	0	0	43	37		0								
	1543	3	0	0	0	47	43		0								
	2144	4	.12	0	0	46	36		2								
	MID.	X	.03	0	0	37	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.585	26.530	26.600
BAROGRAPH 64	26.505	26.575	26.535	26.600
BAR. CORR. 65	+.005	+.010	-.005	±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
47	35	.15	0	0	14	5	1648					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0717	0729			
RW-	1644	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: 0526P ±2 Sec./ 1950P ±2 Sec./ ± Sec.

RS-1/SP-3

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 6 FEB 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)	OBSERVERS INITIALS (15)
SA	0049	M16 OVC	20			166	37	35	24	04		002	C1GRGD RCE 00300 15//	HS
SA	0147	M18 OVC	20			166	37	35	25	02		002		HS
SP	0203	3 SCT M15 OVC	10						22	03		001		HS
SA	0250	3 SCT M13 OVC	10		RW-	162	37	35	21	02		001	RB42	HS
SA	0351	2SCT 5SCT M14 OVC	4		R-F	166	37	35	08	03		002	50007 17// 36 200M	HS
—	—												RADAT 95052	—
SA	0447	M13 OVC	10			170	38	35	20	02		003	RE15	HS
RS	0552	2SCT M15 OVC	10			175	37	35	00	00		004	RB17E28	HS
SA	0648	2SCT M16 OVC	10			181	38	35	00	00		005	RB33E38/21002 17//	HS
SP	0740	2SCT M9 BKN 16 OVC	10						31	04		007		HS
SA	0748	2SCT M8 OVC	10			190	38	35	31	04		007		HS
SA	0845	M7 BKN 13 OVC	20			197	39	36	32	04		010		HS
SA	0945	M9 BKN 16 OVC	20			205	41	36	22	03		012	22003 17// 36	HS
SP	1026	9 SCT M16 OVC	20						27	06		013		HS
SA	1049	9 SCT M16 OVC	10		RW-	206	42	37	26	04		013	RB29	HS
SA	1145	9 SCT M17 OVC	15		R-	201	41	37	00	00		011		HS
SA	1245	7 SCT M15 OVC	10		R-	188	42	37	00	00		007	81402 17//	HS
SA	1345	M14 OVC	10		R-	181	41	37	20	03		005		HS
SA	1450	12 SCT M19 OVC	20			176	41	38	18	06		004	RE06	HS
SA	1550	12SCT M22 OVC	15		L-	180	42	38	26	03		005	LB30/50703 14//	EP
													42 RADAT 94056	
SA	1648	13SCT M26 OVC	20			172	42	38	02	04		003	LE01	EP
SA	1746	13SCT M22 OVC	20		L-	172	42	39	00	00		003	LB37	EP
SA	1847	13SCT M22 OVC	15		R-L-	176	41	39	01	03		003	60702 15// *RB01	EP
SA	1948	M10 BKN 200 OVC	10		R-L-	176	41	39	01	03		004	C1G RGD	EP
SA	2050	10SCT M19 OVC	10		R-L-	170	41	39	32	03		002		EP
SA	2150	10SCT M17 OVC	10		R-L-	166	41	39	04	04		002	80307 15// 42	EP
SA	2246	M14 OVC	20		L-	158	41	39	13	04		999	RE07	EP
SA	2349	M15 OVC	20		L-	160	42	39	00	00		000		EP

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

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

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, NV

DATE: 6 FEB 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 49	26.610	37.0	35.9	91	10	10	Sc	M16												10	0	.010			00-01
01 47	26.610	36.8	35.9	93	10															10					01-02
02 50	26.600	37.2	36.1	91	10															10					02-03
03 51	26.610	37.0	36.0	92	10	3	STFRA	2	2	STFRA	5	5	10	STFRA	M14	10				10	5	.000			03-04
04 49	26.620	37.5	36.2	89	10															10					04-05
05 52	26.630	37.3	36.2	91	10															10					05-06
06 48	26.640	37.5	36.4	91	10	2	STFRA	2	10	CUFRA	M16	10								10	2	.030			06-07
07 48	26.660	37.9	36.7	90	10															10					07-08
08 45	26.680	39.1	37.5	87	10															10					08-09
09 45	26.700	40.7	38.7	85	10	6	STFRA	M9	10	CUFRA	16	10								10	2	.060			09-10
10 49	26.710	42.0	39.5	81	10															10					10-11
11 45	26.690	41.1	39.1	85	10															10					11-12
12 45	26.660	42.0	39.7	83	10	2	STFRA	7	10	CUFRA	M15	10								10	8	.040			12-13
13 45	26.640	41.1	39.1	85	10															10					13-14
14 50	26.630	41.4	39.9	88	10															10					14-15
15 50	26.640	42.0	40.0	85	10	3	STFRA	12	10	Sc	M22	10								10	5	.020			15-16
16 48	26.620	41.8	40.0	86	10															10					16-17
17 46	26.620	41.7	40.2	89	10															10					17-18
18 47	26.620	41.0	40.0	92	10	3	STFRA	13	10	Sc	M22	10								10	6	.020			18-19
19 48	26.630	41.2	40.0	91	10															10					19-20
20 50	26.615	40.8	39.9	93	10															10					20-21
21 50	26.610	40.8	39.9	93	10	4	STFRA	10	10	Sc	M17	10								10	8	.010			21-22
22 46	26.590	41.0	39.8	91	10															10					22-23
23 49	26.595	41.7	40.3	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 0346	X	.04	0	X	37	36	X	X						X		
	0346	1	.07	0	0	37	36		2								
	0941	2	.03	0	0	41	37		1								
	1545	3	.03	0	0	42	41		1								
	2144	4	.07	0	0	42	41		2								
	MID.	X	.01	0	0	42	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.700	26.640	26.610
BAROGRAPH 64	26.600	26.695	26.640	26.605
BAR. CORR. 65	0	+.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 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
42	36	.18	0	0	9	5	2251					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT'D	0020			
RW-	0242	0330			
R-	0330	0415			
F	0345	0415			
RW-	0517	0528			
RW-	0633	0638			
RW-	1029	1103			
R-	1103	1406			
L-	1530	1601			
L-	1737	CONTD			
R-	1801	2207			

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: 0751P ±2 Sec./ 2130P ±2 Sec./ ± Sec.

0049P/APPRR-00303/0152P

1550P/1550P

1847P/1847P

0648P/21003/0800P

SP/3

RS/1

MF1-10A
(1-62)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 7 FEB 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)	OBSERVER'S INITIALS (15)
SA	0050	M18 OVC	20		L-	158	42	39	11	04		999	80700 15//	EP
SA	0145	M14 OVC	20		L-	158	42	39	15	03		999		EP
SA	0250	M16 OVC	20		L-	146	42	38	12	15		996		EP
SA	0348	M21 OVC	15		L-	143	42	38	13	12		995	81401 17// 41 20014	EP
—	—												RADAT 95069	—
SA	0446	M22 OVC	15		L-	146	42	38	13	08		996		EP
SA	0548	M20 OVC	10		L-	146	41	38	13	10		996		EP
SA	0645	M18 OVC	10		L-	155	41	37	15	10		998	31000 17//	EP
SA	0745	13 SCT M23 OVC	15			166	41	37	12	11		002	LE15	EP
SA	0845	11 SCT M23 OVC	15			174	42	38	11	09		004		EP
SA	0947	11 SCT M25 OVC	15			177	44	40	35	06		005	12000 15// 41	EP
SA	1047	15 SCT M28 OVC	15			172	45	40	34	04		004		EP
SA	1145	M26 OVC	20			158	48	41	33	04		001		EP
SA	1247	18 SCT M23 OVC	20			155	47	40	26	06		999	717 15//	EP
SA	1348	M22 OVC	20			143	47	41	05	03		996		EP
SA	1450	M22 OVC	20			135	47	41	24	03		994		EP
SA	1547	M28 OVC	20			135	48	41	03	04		994	617 15// 48 RADAT94073	EP
SA	1646	20 SCT M28 OVC	20			131	48	41	21	05		993		EP
SA	1747	20 SCT M28 OVC	20			127	47	41	15	04		992		EP
SA	1848	20 SCT M28 OVC	20			121	47	41	00	00		990	814 18//	EP
SA	1949	M28 OVC	20			107	46	42	04	07		986	8/NOVC OVHD	EP
SP	2028	30 SCT	20						20	07		985		EP
SA	2048	30 SCT E200 BKN	20			102	44	40	12	03		984		EP
SA	2150	22 SCT M40 BKN 200 OVC	20			099	48	41	20	15	G26	984	617 1801 48	EP
SA	2247	22 SCT M45 OVC	20			093	50	40	19	18	G25	983		EP
SA	2346	M45 BKN 200 OVC	20			084	51	38	19	17	G27	981		EP

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

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

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, NV

DATE: 7 FEB 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 50	26.590	42.1	40.7	90	10	10	SC	M18												10	8	.020			00-01
01 45	26.590	42.0	40.6	89	10															10					01-02
02 50	26.560	42.0	40.0	85	10															10					02-03
03 48	26.550	42.0	40.2	86	10	10	SCFRA	M21												10	8	.040			03-04
04 46	26.560	42.4	40.3	85	10															10					04-05
05 48	26.560	41.3	39.7	88	10															10					05-06
06 45	26.580	41.0	39.0	85	10	10	SCFRA	M18												10	3	.030			06-07
07 45	26.610	41.0	39.1	86	10															10					07-08
08 45	26.630	41.9	40.0	86	10															10					08-09
09 47	26.640	43.7	41.7	86	10	3	SCFRA	11	10	SC	M25	10								10	1	.060			09-10
10 47	26.630	45.2	42.8	83	10															10					10-11
11 45	26.600	48.1	44.3	75	10															10					11-12
12 47	26.590	47.3	43.7	76	10	3	SCFRA	18	10	SC	M23	10								10	7	.050			12-13
13 48	26.560	46.9	43.9	80	10															10					13-14
14 50	26.540	47.0	43.8	79	10															10					14-15
15 47	26.540	47.8	44.2	76	10	10	SC	M28												10	6	.050			15-16
16 46	26.530	47.5	44.2	78	10															10					16-17
17 47	26.520	47.2	44.0	79	10															10					17-18
18 48	26.500	47.0	44.0	80	10	3	CUFRA	20	10	SC	M28	10								10	8	.040			18-19
19 49	26.465	46.0	43.7	84	10															10					19-20
20 48	26.450	44.0	42.2	87	7															5					20-21
21 50	26.450	47.8	44.3	77	10	2	CUFRA	22	6	SC	M40	8	2	CI	200	10				10	6	.050			21-22
22 47	26.440	49.9	45.0	69	10															10					22-23
23 46	26.420	50.8	44.3	61	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 0344	X	T	0	X	42	41	X	X						X		
	0344	1	.01	0	0	42	41		2								
	0942	2	T	0	0	44	41		2								
	1543	3	0	0	0	48	44		1								
	2145	4	0	0	0	48	44		1								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.640	26.540	26.450
BAROGRAPH 64	26.540	26.620	26.535	26.450
BAR. CORR. 65	+.010	+.020	+.005	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 (Knots) 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
51	41	T	0	0	31	S	2255					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
L-	CONTD	0715			

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: 0854P ⊖2 Sec./ 2230P ⊖2 Sec./ ± Sec.

0050P/APPRR - 80701 / 0355P

SP/1 RS/0

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 8 FEB 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)	OBSERVERS INITIALS (15)
SA	0046	M50 BKN 200 BKN	20			073	50	41	20	15	625	978	820 1501	EP
SA	0150	24 SCT M50 OVC	20			070	49	40	18	12		976	RB26E35	EP
SA	0250	25 SCT M50 OVC	20			061	50	38	22	17	631	974		EP
RS	0348	M21 OVC	10		RW-	059	48	41	20	16	622	973	RB30 / 71401 1711 44	EP
—	—												20001 RADAT 88074	—
SP	0436	21 SCT M50 OVC	20						22	15		973		EP
SA	0445	21 SCT M 50 OVC	20			060	46	39	22	14		973	RE21	EP
SA	0548	21 SCT M 45 BKN	20			067	44	37	25	12		975		EP
SA	0649	20 SCT	20			070	44	36	24	18		976	30700 1700	EP
SA	0745	20 SCT	20			081	44	36	25	10		979		EP
SA	0845	CLR	20			093	47	35	25	11		982		EP
SA	0948	CLR	20			095	50	34	25	13		984	12700 1700 44	EP
SA	1046	30 SCT	20			101	51	32	25	15		986		EP
SA	1145	30 SCT	20			096	52	34	23	13		985		EP
SA	1247	CLR	20			089	53	34	23	10		983	803 1105	EP
SA	1350	CLR	20			096	55	33	25	12		985		EP
SA	1450	250 - SCT	20			100	55	31	26	10		986		EP
SA	1549	250 - BKN	20			108	55	32	25	10		988	217 1108 55 RADAT 37083	EP
SA	1647	150 SCT 250 - BKN	20			115	51	34	28	06		990		EP
SA	1749	120 SCT E250 OVC	20			126	47	35	29	07		992		EP
SA	1847	120 SCT 250 - BKN	20			137	46	35	34	08		995	319 1038	EP
SA	1946	250 - SCT	20			139	45	34	01	05		995		EP
SA	2046	250 - SCT	20			135	42	36	00	00		994		EP
SA	2148	120 SCT E250 OVC	20			150	45	33	30	08		999	315 1037 55	EP
SA	2249	120 SCT E250 OVC	20			162	44	34	33	06		003		EP
SA	2349	120 SCT 250 - BKN	20			166	42	34	36	07		004		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$_2$ 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, NV

DATE: 8 FEB 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 46	26.390	49.8	44.8	72	9	6	SC	M50	3	CI	200	9								7	8	.060			00-01
01 50	26.380	48.9	44.3	71	10															10					01-02
02 50	26.360	50.0	44.0	63	10															10					02-03
03 48	26.350	47.7	44.2	77	10	10	STRA	M21												10	7	.040			03-04
04 45	26.350	45.8	42.5	78	10															10					04-05
05 48	26.365	44.0	40.8	77	9															9					05-06
06 49	26.370	44.3	40.5	73	3	3	CUFRA	20												3	3	.020			06-07
07 45	26.400	44.4	40.2	71	1															1					07-08
08 45	26.430	47.3	41.3	61	0															0					08-09
09 48	26.450	49.7	42.3	55	0	0	CUFRA	20												0	1	.080			09-10
10 46	26.470	50.8	42.0	48	1															1					10-11
11 45	26.460	52.0	43.3	50	2															2					11-12
12 47	26.440	53.1	44.0	49	0	0	CU	30	0	CI	250	0								0	8	.010			12-13
13 50	26.460	54.9	44.4	43	0															0					13-14
14 50	26.470	54.7	43.7	41	1															0					14-15
15 49	26.490	54.8	44.1	42	9	0	CU	35	9	CS	250	9								4	2	.050			15-16
16 47	26.500	51.0	42.9	52	9															4					16-17
17 49	26.520	47.3	41.3	61	10															7					17-18
18 47	26.545	45.6	40.5	65	8	1	AC	120	8	CS	250	8								3	3	.055			18-19
19 46	26.550	45.0	40.0	66	5															2					19-20
20 46	26.540	42.1	39.2	79	3															1					20-21
21 48	26.590	44.8	39.5	63	10	2	AC	120	10	CS	E250	10								8	3	.045			21-22
22 49	26.620	44.0	39.2	66	10															8					22-23
23 49	26.630	42.1	38.5	74	7															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 0344	X	.01	0	X	51	47	X	X						X		
	0344	1	.01	0	0	51	47		2								
	0944	2	T	0	0	50	44		1								
	1544	3	0	0	0	55	50		0								
	2145	4	0	0	0	55	42		0								
	MID.	X	0	0	0	45	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.450	26.490	26.590
BAROGRAPH 64	26.345	26.440	26.490	26.580
BAR. CORR. 65	+.005	+.010	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
55	42	.01	0	0	31	SW	0242					2	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0126	0135			
RW-	0330	0421			

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: 0626P ° ±2 Sec./ 2200 0 2 Sec./ ± Sec.

SP/1
RS/1

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 9 FEB 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	120 SCT E250 OVC	20			162	41	34	19	04		003	010 1038	EP
SA	0147	120 SCT 250-OVC	20			165	38	34	03	05		003		EP
SA	0250	250-BKN	20			172	37	33	17	03		005		EP
SA	0346	E250 BKN	20			177	37	33	09	03		006	310 1008 36 RADAT 44092	[illegible]
SA	0447	250 SCT	20			191	35	32	02	05		010		[illegible]
SA	0546	250-BKN	20			197	35	32	06	04		011		[illegible]
SA	0645	E230 BKN	20			198	34	31	08	05		011	114 1008	[illegible]
SA	0745	E230 OVC	20			201	36	33	10	03		012		[illegible]
SA	0845	E230 OVC	20			209	40	34	17	05		014		[illegible]
SA	0948	E230 OVC	20		211	205	46	37	28	05		016	317 1007 34 COR (1752)	[illegible]
SA	1048	E230 OVC	20			206	48	36	26	09		015		[illegible]
SA	1150	E230 BKN	20			194	51	37	28	05		012		[illegible]
SA	1250	230 SCT E280 BKN	20			185	54	37	22	09		010	820 1008	[illegible]
SA	1351	280 SCT	20			170	55	35	24	05		005		[illegible]
SA	1450	280 SCT	20			161	57	35	24	10		003		[illegible]
SA	1550	280 - SCT	20			168	57	35	22	07		004	517 1001 57 RADAT 32090	WRC
SA	1650	E250 BKN	20			174	53	36	23	06		005		WRC
SA	1750	180 SCT E250 BKN	20			181	49	37	00	00		006		WRC
SA	1850	180 SCT 250 - BKN	20			184	46	38	01	06		007	208 1078	WRC
SA	1950	180 SCT 250 - BKN	20			186	44	38	06	05		008		WRC
SA	2045	180 SCT 250 - BKN	20			190	43	37	09	03		009		WRC
SA	2150	160 SCT 250 SCT	20			182	41	37	09	06		008	002 1078 57	WRC
SA	2250	160 SCT 250 SCT	20			177	41	34	34	04		006		WRC
SA	2350	160 SCT 250 - BKN	20			173	40	36	07	06		005		WRC

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, NV

DATE: 9 FEB 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 48	26.620	41.2	37.9	75	10	1	Ac	120	9	Cs	E250	10								8	0	.030			00-01
01 47	26.620	38.1	36.1	84	10															5					01-02
02 50	26.640	37.0	35.3	86	6															2					02-03
03 46	26.650	36.6	35.0	87	7	7	CS	E250												5	3	.030			03-04
04 47	26.680	34.9	33.5	88	5															4					04-05
05 46	26.690	35.0	33.7	89	7															3					05-06
06 45	26.690	34.4	33.0	87	7	7	CS	E230												5	1	.040			06-07
07 45	26.700	36.3	34.8	87	10															6					07-08
08 45	26.720	39.8	37.2	80	10															7					08-09
09 48	26.740	45.9	41.5	70	10	10	CS	E230												8	3	.050			09-10
10 48	26.730	48.3	42.3	62	10															9					10-11
11 50	26.700	50.9	43.8	58	8															7					11-12
12 50	26.680	54.0	45.3	52	6	1	CS	230	5	CS	E280	6								4	8	.060			12-13
13 51	26.640	55.0	45.0	46	3															2					13-14
14 50	26.620	56.8	45.8	43	1															1					14-15
15 50	26.630	56.7	46.0	44	2	2	Ci	280												1	5	.050			15-16
16 50	26.640	53.1	44.8	53	8															6					16-17
17 50	26.650	49.4	43.3	62	8															6					17-18
18 50	26.655	46.0	42.2	74	8	2	Ac	180	6	CS	250	8								4	2	.025			18-19
19 50	26.660	43.8	40.8	79	7															3					19-20
20 45	26.670	43.0	40.0	79	7															3					20-21
21 50	26.660	41.0	36.9	84	5	2	Ac	160	3	CS	250	5								4	0	.005			21-22
22 50	26.650	41.1	38.0	77	5															4					22-23
23 50	26.640	40.3	38.1	84	7															3					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	42	36	X	X						X		
	0341	1	0	0	0	45	36		0								
	0944	2	0	0	0	46	34		0								
	1546	3	0	0	0	57	46		0								
	2146	4	0	0	0	57	41		0								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.740	26.630	26.660
BAROGRAPH 64	26.640	26.720	26.650	26.650
BAR. CORR. 65	+.010	+.020	-.020	+.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
57	34	0	0	0	15	SW	1456					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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 ±2 Sec./ 2207 ±2 Sec./ ± Sec.

X BAROGRAPH CHANGED RESET TO ±.0 CORR.

0948/SLP 211/0952

ST/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, NV

DATE: 1983 FEB 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. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	160 SCT 250-SCT	20			163	41	35	00	00		003	814 1078	WRG
SA	0150	160 SCT 250 SCT	20			162	39	34	10	05		003		WRG
SA	0250	160 SCT 250-SCT	20			162	37	32	03	06		003		WRG
SA	0350	250 SCT	20			163	38	34	01	03		003	400 1008 37 RADAT 44685	JK
SA	0450	160 SCT E250 BKN	20			166	37	33	11	02		003		JK
SA	0550	160 SCT E250 OVC	20			172	36	31	18	02		004		JK
SA	0649	E250 OVC	20			183	36	31	12	02		007	310 1077	JK
SA	0748	E250 OVC	20			190	39	34	12	03		009		JK
SA	0848	250-OVC	20			192	43	35	34	03		010		JK
SA	0945	250-OVC	20			193	50	36	23	04		011	214 1007 35	JK
SA	1048	250-OVC	20			189	53	35	19	05		011		JK
SA	1147	250-OVC	20			181	56	34	25	05		009	CU S	JK
SA	1250	250-OVC	20			167	58	34	22	08		005	817 1107	JK
SA	1348	250-BKN	20			161	60	33	25	05		003	CU N AND S	JK
SA	1447	250-BKN	20			161	61	30	22	04		003	FEW CU	JK
SA	1550	250-BKN	20			160	61	26	14	03		003	607 1108 62 RADAT 51084	WRG
SA	1650	250-BKN	20			166	58	30	25	05		004	FEW CU	WRG
SA	1750	250-BKN	20			174	53	37	05	07		005		WRG
SA	1850	250-BKN	20			183	52	26	05	11		006	315 1008	WRG
SA	1950	250-SCT	20			194	49	28	04	10		011		WRG
SA	2045	250 SCT	20			199	48	27	04	11		013		WRG
SA	2150	CLR	20			194	48	26	06	09		013	115 1008 62	WRG
SA	2250	CLR	20			193	49	26	07	09		013		WRG
SA	2350	CLR	20			196	47	25	01	13		014		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 1983 FEB 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 50	26620	41.3	38.5	79	5	2	AC	160	3	CS	250	5								2	8	040			00-01
01 50	26620	38.9	36.4	83	3															2					01-02
02 50	26620	37.0	34.9	82	3															1					02-03
03 50	26620	38.0	36.0	84	3	3	CS	250												2	4	.000			03-04
04 50	26620	37.2	35.2	83	9															7					04-05
05 50	26630	36.1	34.0	82	10															8					05-06
06 49	26650	36.1	34.0	82	10	0	AC	160	10	CS	E250	10								8	3	.030			06-07
07 48	26670	38.8	36.6	82	10															7					07-08
08 48	26680	42.8	39.1	74	10															3					08-09
09 45	26690	49.9	43.3	60	10	10	CS	250												3	2	.040			09-10
10 48	26690	52.9	44.3	51	10															3					10-11
11 47	26670	56.3	45.3	42	10															1					11-12
12 50	26640	58.2	46.1	39	10	0	CU	50	10	CS	250	10								3	8	.050			12-13
13 48	26620	59.5	46.4	36	8															3					13-14
14 47	26620	61.2	46.2	30	8															3					14-15
15 50	26620	61.3	45.1	26	8	0	CU	50	8	CS	250	8								4	6	.020			15-16
16 50	26630	58.4	45.1	34	8															4					16-17
17 50	26640	53.0	44.8	53	8															4					17-18
18 50	26665	52.4	40.9	36	6	6	CS	250												3	3	.045			18-19
19 50	26690	49.0	39.9	44	2															1					19-20
20 45	26710	47.9	39.0	45	1															1		.0			20-21
21 50	26710	48.3	38.8	42	0	0	CS	250												0	1	.045			21-22
22 50	26710	48.8	39.0	40	0															0					22-23
23 50	26720	47.0	37.8	42	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 0344	X	0	0	X	41	37	X	X						X		
	0344	1	0	0	0	42	37		0								
	0943	2	0	0	0	50	35		0								
	1546	3	0	0	0	62	50		0								
	2146	4	0	0	0	61	47		0								
	MID.	X	0	0	0	50	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26620	26680	26620	26710
BAROGRAPH 64	26610	26690	26620	26710
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	35	0	0	0	13	N	2350					9	6		

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: 0600 P ⊕ 2 Sec./ 1914 P ⊕ 2 Sec./ ± Sec.

SP/0
RS/0

SUPERSEDES MF1-1 (12-70) WHICH MAY BE USED.

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 NV

DATE: 1983 FEB 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. (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	250 -SCT	20			196	45	27	03	13		014	103 1001	WRG
SA	0150	250 -SCT	20			203	44	28	12	06		016		WRG
SA	0250	250 -SCT	20			206	45	26	05	14		017		WRG
SA	0348	250-SCT	20			197	45	26	05	13		015	003 1001 43 RADAT 48080	JK
SA	0445	E250 BKN	20			203	45	26	04	10		016		JK
SA	0548	E250 OVC	20			213	43	27	05	07		017		JK
SA	0646	E250 OVC	20			216	44	25	04	12		018	310 1007	JK
SA	0747	E250 OVC	20			224	46	25	05	09		021	AC W	JK
SA	0849	180SCT E250 OVC	20			220	49	26	03	10		020		JK
SA	0948	180SCT E250 OVC	20			218	51	28	02	08		020	103 1077 43	JK
SA	1047	180SCT E250 OVC	20			212	55	26	13	07		018		JK
SA	1145	180SCT E250 OVC	20			207	58	24	13	08		017		JK
SA	1252	250-OVC	20			200	58	22	10	05		015	814 1077	JK
SA	1345	250-OVC	20			193	60	24	19	04		013		JK
SA	1445	250-OVC	20			192	60	26	32	04		013		JK
SA	1550	180SCT E250 OVC	20			197	58	26	17	04		014	503 1077 61 RADAT 55113	WRG
SA	1650	160SCT E230 OVC	20			198	57	28	13	07		014		WRG
SA	1750	E120 BKN 250 OVC	20			205	53	30	11	09		015		WRG
SA	1850	E120 BKN 250 OVC	20			208	51	29	17	05		016	207 1077	WRG
SA	1950	120SCT E250 OVC	20			205	50	29	06	06		015		WRG
SA	2050	120SCT 250 -BKN	20			207	48	30	00	00		016		WRG
SA	2150	120SCT 250 -SCT	20			208	44	32	00	00		016	500 1078 61	WRG
SA	2250	120SCT 250 SCT	20			203	42	32	04	04		015		WRG
SA	2350	120SCT 250 SCT	20			201	41	32	35	04		015		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 1983 FEB 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	26.720	45.0	37.4	49	2	2	Ci	250												1	1	.010			00-01
01 50	26.740	43.8	36.9	52	2															1					01-02
02 50	26.750	44.7	37.0	48	2															1					02-03
03 48	26.730	45.0	37.0	47	2	2	Ci	250												1	0	.010			03-04
04 45	26.740	45.0	37.0	47	9															5					04-05
05 48	26.750	43.2	36.4	52	10															7					05-06
06 46	26.760	44.0	36.3	48	10	10	Cs	E250												8	3	.030			06-07
07 47	26.780	45.8	37.3	45	10															8					07-08
08 49	26.770	48.7	39.0	41	10															9					08-09
09 48	26.770	50.8	40.8	42	10	1	Ac	180	10	Cs	E250	10								6	1	.010			09-10
10 47	26.760	54.8	42.0	32	10															8					10-11
11 45	26.750	58.0	43.0	26	10															6					11-12
12 52	26.730	57.8	42.5	25	10	0	Ac	180	10	Cs	250	10								4	8	.040			12-13
13 45	26.710	59.9	44.1	25	10															3					13-14
14 45	26.710	60.3	44.8	27	10															3					14-15
15 50	26.720	58.7	44.1	29	10	1	Ac	180	10	Cs	E250	10								6	5	.010			15-16
16 50	26.720	57.0	43.7	32	10															7					16-17
17 50	26.730	53.2	42.6	41	10															8					17-18
18 50	26.740	50.8	41.0	43	10	6	Ac	E120	4	Cs	250	10								7	2	.020			18-19
19 50	26.730	50.0	40.6	44	10															6					19-20
20 50	26.740	48.4	40.1	49	7															3					20-21
21 50	26.740	44.2	38.7	62	3	1	Ac	120	2	Cs	250	3								1	5	.000			21-22
22 50	26.730	42.0	37.7	69	4															3					22-23
23 50	26.730	40.7	36.8	71	3															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 0344	X	0	0	X	47	43	X	X						X		
	0344	1	0	0	0	50	43		0								
	0945	2	0	0	0	51	43		0								
	1546	3	0	0	0	61	51		0								
	2146	4	0	0	0	59	44		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.770	26.720	26.740
BAROGRAPH 64	26.710	26.760	26.710	26.730
BAR. CORR. 65	+.020	+.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
61	41	0	0	0	14	NE	0250					10	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: 0710P 62 Sec./ 2319 ⊙ 2 Sec./ ± Sec.

1550P59 1650P

SP/O
RS/O

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 FEB 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. (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. INITIALS (15)
SA	0050	120 SCT	20			201	42	29	08	07		015	603 1070	WRC
SA	0150	120 SCT 250 SCT	20			199	38	30	33	05		014		WRC
SA	0250	120 SCT 250 - SCT	20			198	40	29	05	03		014		WRC
SA	0350	250 SCT	20			192	40	30	11	05		012	810 1071 39 RADAT 21115	JK
SA	0450	250 SCT	20			200	38	28	06	05		014		JK
SA	0547	250 SCT	20			207	36	29	01	04		014		JK
SA	0648	250-OVC	20			210	37	29	08	06		015	310 1007	JK
SA	0749	120 SCT E250 OVC	20			208	45	29	29	02		016		JK
SA	0845	120 SCT E250 OVC	20			209	50	30	33	04		017		JK
SA	0948	E250 OVC	20			213	51	29	04	04		017	107 1077 36	JK
SA	1049	E 250 OVC	20			208	55	30	12	12		016		JK
SA	1146	E 250 OVC	20			197	58	30	12	05		014		JK
SA	1246	E 250 OVC	20			190	60	29	11	14		012	817 1077	JK
SA	1345	E 250 OVC	20			175	61	29	11	10		008		JK
SA	1445	E 250 OVC	20			171	62	28	13	12		007		JK
SA	1550	120 SCT E250 OVC	20			171	59	29	13	10		007	617 1047 62 RADAT 65115	WRC
SA	1650	80 SCT 120 SCT E250 OVC	20			174	58	30	13	13		007		WRC
SA	1750	80 SCT 120 SCT E250 OVC	20			179	56	31	13	10		008		WRC
SA	1850	80 SCT 120 SCT E250 OVC	20			181	54	29	12	10		008	205 1547	WRC
SA	1950	80 SCT 120 SCT E250 OVC	20			178	53	30	13	10		008		WRC
SA	2050	120 SCT E250 BKN	20			174	51	31	13	04		008		WRC
SA	2150	120 SCT E250 BKN	20			173	52	30	17	08		008	602 1078 62	WRC
SA	2250	80 SCT 120 SCT E250 BKN	20			165	51	30	13	11		006	CB DSNT E MOVG N	/
													OCNL LTG IC	WRC
SA	2350	E120 BKN 250 OVC	20			158	52	30	11	09		004	CB MOVD N	WRC

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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, NV

DATE: 1983 FEB 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	26.730	41.2	36.4	58	2	2	AC	120												2	6	.010			00-01
01 50	26.720	38.3	34.8	72	4															3					01-02
02 50	26.710	39.8	35.1	64	4															2					02-03
03 50	26.700	39.5	35.3	67	3	0	AC	120	3	CI	250	3								2	8	.030			03-04
04 50	26.720	38.0	34.0	68	2															2					04-05
05 47	26.720	36.0	33.0	75	2															2					05-06
06 48	26.730	37.2	33.8	72	10	10	CS	250												4	3	.030			06-07
07 49	26.740	45.2	38.1	53	10															6					07-08
08 45	26.750	50.4	41.2	45	10															6					08-09
09 48	26.756	51.0	41.0	42	10	0	AC	120	10	CS	E250	10								7	1	.020			09-10
10 49	26.740	55.0	43.3	38	10															8					10-11
11 46	26.720	58.2	45.0	34	10															8					11-12
12 46	26.700	59.8	45.4	31	10	0	AC	120	10	CS	E250	10								8	8	.050			12-13
13 45	26.660	61.1	45.8	29	10															10					13-14
14 45	26.650	61.9	46.2	28	10															10					14-15
15 50	26.650	59.2	45.0	31	10	3	AC	120	10	CS	E250	10								10	6	.050			15-16
16 50	26.650	58.0	44.8	34	10															10					16-17
17 50	26.660	55.6	44.0	39	10															10					17-18
18 50	26.665	54.3	42.9	36	10	2	SC	80	3	AC	120	5	5	CS	E250	10				10	2	.015			18-19
19 50	26.665	52.5	42.2	42	10															8					19-20
20 50	26.660	51.3	41.9	45	8															6					20-21
21 50	26.660	52.4	42.1	42	7	3	AC	120	4	CS	E250	7								6	6	.005			21-22
22 50	26.645	50.8	41.5	45	8															6					22-23
23 50	26.630	51.6	41.9	44	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	42	38	X	X						X		
	0345	1	0	0	0	44	38		0								
	0944	2	0	0	0	51	36		0								
	1544	3	0	0	0	62	51		0								
	2146	4	0	0	0	59	51		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.750	26.650	26.660
BAROGRAPH 64	26.700	26.750	26.650	26.650
BAR. CORR. 65	±.0	±.0	±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 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
62	36	0	0	0	16	SE	1652					10	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: 0600P ±2 Sec./ 2245P ±2 Sec./ ± Sec.

0350P/38/0700

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, NV

DATE: 1983 FEB 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 (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)
SP	0028	E120 OVC	20		RW-				20	12 G	26	004	RB14 WNDSHFT 23	WRG
SA	0050	E120 OVC	20		RW-	156	55	32	24	15 G	27	004	RB14 WNDSHFT23	/
													61000 1027/4	WRG
SA	0150	E100 OVC	20		RW-	161	52	35	23	18 G	28	005		WRG
SA	0250	E50 OVC	15		RW-	165	48	39	10	11		006		WRG
SA	0350	E40 OVC	15		RW-	145	52	35	13	08		001	81011 1711 48	SH
	—		—			—						—	20011 RADAT 91093	—
SA	0446	E40 OVC	20			135	52	39	13	07		997	RE20	SH
SA	0546	E50 BKN 100 OVC	20			135	54	39	20	10		997		SH
SA	0645	40 SCT E100 BKN 200 OVC	20			136	53	39	21	16 G	28	997	61000 1772	SH
SA	0745	50 SCT E100 BKN	20			129	53	39	20	18 G	30	995		SH
SA	0847	140 SCT	20			113	56	38	21	16 G	28	991	FEW SC	SH
SA	0948	50 SCT 140 SCT	20			117	57	38	21	19 G	30	992	51700 1570 48	SH
SA	1049	50 SCT	20			125	56	38	20	20 G	34	994	TCU N PK WND 2134/43	SH
SA	1146	E40 BKN	20			127	58	34	20	16 G	24	995	CB N MOVG SE PK WND	SH
	—		—			—						—	2032/27	—
RS	1246	E40 BKN	20		RW-	143	46	36	02	16		998	CB OVHD MOVG SE RB28	SH
	—		—			—						—	WSHFT 27/22002 1900	—
SA	1345	40 SCT	20			144	55	23	02	12		999	CB MOVD SE RE05	SH
SA	1445	40 SCT	20			145	58	12	32	15		999		SH
SA	1551	40 SCT	20			150	57	17	32	16 G	20	002	31002 1400 58 RADAT	JC
/													33081	/
SA	1649	CLR	20			159	55	24	35	12 G	18	004		JC
SA	1752	CLR	20			176	51	25	01	10		009		JC
SA	1851	CLR	20			186	49	26	01	05		011	227	JC
SA	1949	CLR	20			196	48	27	32	13		014		JC
SA	2054	CLR	20			208	45	23	06	03		017		JC
SA	2147	CLR	20			216	45	22	24	04		020	127 58	JC
SA	2254	CLR	20			222	41	20	34	12		021		JC
SA	2352	CLR	20			225	42	25	11	07		022		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 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, NV

DATE: 1983 FEB 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	26650	54.6	44.0	43	10	10	AC	E120												10	6	.030			00-01
01 50	26640	52.2	44.0	53	10															10					01-02
02 50	26650	48.0	43.6	72	10															10					02-03
03 50	26600	51.5	43.6	53	10	10	CUFRA	E40												10	8	.030			03-04
04 46	26570	51.6	45.4	63	10															10					04-05
05 46	26570	54.0	46.4	57	10															10					05-06
06 45	26570	52.8	45.6	58	10	3	CUFRA	40	6	AC	E100	9	1	CI	200	10				10	6	.030			06-07
07 45	26550	53.4	46.0	58	8															8					07-08
08 47	26510	56.0	46.6	50	4															4					08-09
09 48	26520	56.7	47.2	50	2	2	SC	50	0	AC	140	2								2	5	.050			09-10
10 49	26540	56.0	46.6	49	1															1					10-11
11 46	26550	57.6	46.0	41	6															6					11-12
12 46	26580	46.2	41.5	68	8	8	CB	E40												8	2	.060			12-13
13 45	26590	55.2	41.5	28	1															1					13-14
14 45	26590	58.3	40.7	16	1															1					14-15
15 51	26610	57.0	41.0	21	1	1	SC	40												1	3	.030			15-16
16 49	26630	54.5	41.4	30	0															0					16-17
17 52	26670	50.9	39.8	36	0															0					17-18
18 51	26690	48.8	39.0	40	0															0	2	.080			18-19
19 49	26720	47.8	38.8	44	0															0					19-20
20 54	26750	45.3	36.8	40	0															0					20-21
21 47	26770	44.8	35.8	40	0															0	1	.080			21-22
22 54	26780	41.4	33.3	42	0															0					22-23
23 52	26790	41.9	35.0	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		.11	0		55	48										
	0345	1	.11	0	0	55	48		2								
	0944	2	T	0	0	57	51		1								
	1545	3	.02	0	0	58	46		1								
	2143	4	0	0	0	57	44		1								
	MID.		0	0	0	45	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26600	26570	26610	26770
BAROGRAPH 64	26585	26505	26605	26750
BAR. CORR. 65	+.015	+.015	+.005	+.020

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	41	.13	0	0	34	SW	1043					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0014	0425			
RW-	1228	1305			

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: 0550 P ±2 Sec. / 1915P ±2 Sec. / ± Sec.

0050P 7 0110 BAROGRAM CHANGED AND SET TO ZERO CUR 0913P

1049P NOTAPK WND 1300P

1146P NOTAPKWND 1300P

SP/1

R/S/1

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, Nv

DATE: 1983 FEB 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)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			229	40	25	06	08		021	003	JC
SA	0150	CLR	20			227	39	23	04	07		022		JC
SA	0247	CLR	20			230	39	23	06	10		023		JC
SA	0347	CLR	20			226	40	22	08	07		022	003 38 20002	SH
	—					—						—	RADAT 45067	—
SA	0445	CLR	20			226	43	19	08	11		022		SH
SA	0548	CLR	20			226	41	19	03	13		021		SH
SA	0647	CLR	20			236	38	22	03	11		023	303 1001	SH
SA	0747	CLR	20			241	43	21	01	07		025	FEW CI	SH
SA	0848	250 -SCT	20			246	45	24	01	13		026		SH
SA	0947	250 -SCT	20			247	48	22	01	09		027	214 1001 37	SH
SA	1047	250 -SCT	20			244	51	20	04	12		026		SH
SA	1146	250 -SCT	20			234	53	21	04	12		024		SH
SA	1247	250 -BKN	20			223	56	24	03	10		021	820 1001	SH
SA	1346	250 -SCT	20			215	57	22	01	11		018		SH
SA	1448	250 SCT	20			207	58	18	16	10		016		SH
SA	1553	250 -BKN	20			206	58	17	15	12		016	614 1001 58 RADAT	JC
/													30H 08208 5103	/
SA	1652	250 -SCT	20			206	56	20	07	03		016		JC
SA	1754	250 -SCT	20			215	50	24	11	06		017		JC
SA	1851	CLR	20			216	51	23	12	06		017	203	JC
SA	1950	CLR	20			219	48	24	07	05		018		JC
SA	2048	CLR	20			227	45	25	04	05		021		JC
SA	2154	CLR	20			216	47	23	04	13		018	003 58	JC
SA	2253	CLR	20			219	45	19	06	07		020		JC
SA	2352	CLR	20			214	46	25	05	13		018		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$_2$ 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, NV

DATE: 1983 FEB 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	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	26.780	40.0	33.9	54	0														0	0	.010			00-01
01	50	26.790	39.3	33.0	52	0														0					01-02
02	47	26.800	39.2	32.8	51	0														0					02-03
03	47	26.790	40.4	33.2	47	0														0	0	.010			03-04
04	45	26.790	42.6	33.7	38	0														0					04-05
05	48	26.780	41.3	33.0	40	0														0					05-06
06	47	26.800	38.0	31.8	51	0	0	CI	250											0	3	.010			06-07
07	47	26.820	43.0	34.6	42	0														0					07-08
08	48	26.830	45.2	36.7	44	2														1					08-09
09	47	26.840	48.0	37.6	36	3	3	CI	250											1	2	.040			09-10
10	47	26.830	51.4	38.8	29	5														1					10-11
11	46	26.810	52.7	39.6	28	4														1					11-12
12	47	26.780	55.8	42.0	29	7	7	CI	250											1	8	.060			12-13
13	46	26.760	57.2	42.2	25	3														0					13-14
14	48	26.740	57.8	41.7	21	2														2					14-15
15	53	26.740	57.7	41.4	26	7	7	CI	250											1	6	.040			15-16
16	52	26.740	56.2	41.2	24	5														0					16-17
17	54	26.750	50.1	39.3	36	1														0					17-18
18	51	26.750	50.7	39.2	33	0														0	2	.010			18-19
19	50	26.760	47.7	38.0	39	0														0					19-20
20	48	26.780	44.8	36.6	45	0														0					20-21
21	54	26.760	47.0	37.4	39	0														0	0	.010			21-22
22	53	26.770	44.8	35.1	36	0														0					22-23
23	52	26.760	46.4	37.4	42	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 0343	X	0	0	X	42	38	X	X						X		
	0343	1	0	0	0	45	38		0								
	0942	2	0	0	0	48	37		0								
	1545	3	0	0	0	58	48		0								
	2145	4	0	0	0	58	44		0								
	MID.	X	0	0	0	47	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.840	26.740	26.760
BAROGRAPH 64	26.790	26.830	26.740	26.765
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
58	37	0	0	0	19	N	0911					3	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: 0610P ± 2Sec./ 1931P ± 2Sec./ ± 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, NY

DATE: 1983 FEB 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. (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. SERVER'S INITIALS (15)
SA	0047	CLR	20			209	45	23	08	07		017	803 1001	JC
SA	0148	CLR	20			208	44	22	03	08		017		JC
SA	0250	250 SCT	20			208	43	24	04	09		017		JC
SA	0349	250 SCT	20			206	40	23	04	05		016	803 1001 39 RADAT 48110	SH
SA	0449	250 SCT	20			208	39	23	05	05		016		SH
SA	0549	250 SCT	20			212	39	23	15	03		016		SH
SA	0650	250 -BKN	20			215	40	22	04	05		017	303 1071	SH
SA	0747	180 SCT E 250 BKN	20			219	46	20	05	09		019		SH
SA	0846	180 SCT 250 - OVC	20			221	48	23	04	09		019		SH
SA	0949	250 - OVC	20			217	52	24	33	04		019	107 1007 37	SH
SA	1046	E250 OVC	20			207	54	22	07	04		016		SH
SA	1147	E250 OVC	20			193	55	20	14	07		013		SH
SA	1249	250 - OVC	20			180	60	18	15	06		010	730 1007	SH
SA	1349	250 - OVC	20			173	59	19	22	08		007		SH
SA	1445	E250 OVC	20			170	59	19	24	09		006		SH
SA	1552	250 - OVC	20			172	58	20	25	04		007	610 1001 60 RADAT	JC
/													23115	/
SA	1650	250 - OVC	20			173	58	22	25	05		007		JC
SA	1748	250 - SCT	20			176	50	31	26	04		007		JC
SA	1849	250 - SCT	20			175	47	30	11	03		005	803 1001	JC
SA	1954	250 SCT	20			176	45	29	05	05		007		JC
SA	2055	250 SCT	20			179	45	26	01	07		008		JC
SA	2150	250 SCT	20			174	42	28	36	04		007	003 1001 60	JC
SA	2249	CLR	20			174	40	28	35	05		007		JC
SA	2354	CLR	20			178	38	28	31	04		008		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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, NV

DATE: 1983 FEB 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	26.750	44.5	36.0	43	D	0	Ci	250												0	8	.010			00-01
01 48	26.750	43.9	35.4	42	0															0					01-02
02 50	26.750	42.7	35.1	47	1															1					02-03
03 49	26.740	40.0	33.4	50	2	2	Ci	250												2	8	.010			03-04
04 49	26.740	39.2	33.0	52	2															2					04-05
05 49	26.740	39.0	32.7	51	2															2					05-06
06 50	26.750	39.5	32.8	49	8	0	Ac	180	8	Ci	250	8								3	3	.010			06-07
07 47	26.770	46.0	36.0	35	9															6					07-08
08 46	26.770	47.7	37.6	37	10															4					08-09
09 49	26.770	52.0	40.0	32	10	10	Cs	250												5	1	.020			09-10
10 46	26.740	53.6	40.4	29	10															10					10-11
11 47	26.710	55.0	40.7	25	10															10					11-12
12 49	26.680	60.0	42.7	19	10	10	Cs	250												2	7	.090			12-13
13 49	26.660	59.2	42.6	21	10															4					13-14
14 45	26.650	58.8	42.4	21	10															6					14-15
15 52	26.650	58.2	42.2	22	10	10	Ci	250												3	6	.030			15-16
16 50	26.650	52.5	42.4	25	10															2					16-17
17 48	26.650	49.9	41.1	47	3															1					17-18
18 49	26.640	46.8	38.2	51	2	2	Ci	250												0	8	.010			18-19
19 54	26.650	45.2	38.2	53	3															2					19-20
20 55	26.660	44.9	37.0	47	4															3					20-21
21 50	26.650	42.4	36.4	57	4	4	Ci	250												3	0	.010			21-22
22 49	26.650	40.1	35.1	62	0															0					22-23
23 54	26.660	38.4	34.0	65	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 0345	X	0	0	X	46	39	X	X						X		
	0345	1	0	0	0	47	39		0								
	0944	2	0	0	0	52	39		0								
	1546	3	0	0	0	60	52		0								
	2145	4	0	0	0	59	42		0								
	MID.	X	0	0	0	42	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.650	26.650
BAROGRAPH 64	26.735	26.760	26.640	26.650
BAR. CORR. 65	+.005	+.010	+.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 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 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
60	37	0	0	0	16	NE	0412					10	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: 0657P ±2Sec./ 1915P ±2Sec./ ± Sec.

SP/0
RS/0

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

U.S. G.P.O. 1982-561-006/1124

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, NV

DATE: 1983 FEB 16

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)	OB. SERVERS INITIALS (15)
SA	0052	250 SCT	20			167	39	26	12	06		005	803 1001	JC
SA	0151	E250 BKN	20			168	39	29	31	04		005		JC
SA	0250	E250 OVC	20			159	40	29	12	06		003		JC
SA	0348	130 SCT E250 OVC	20			162	43	26	12	03		004	503 1077 38	SH
	—		—			—						—	RADAT 29108	—
SA	0447	130 SCT E250 OVC	20			167	42	28	03	06		005		SH
SA	0547	130 SCT E250 OVC	20			176	42	29	10	02		006		SH
SA	0650	130 SCT E250 OVC	20			178	41	30	26	06		006	107 1077	SH
SA	0746	130 SCT E250 OVC	20			181	45	26	33	07		007		SH
SA	0845	E130 BKN 250 OVC	20			182	48	26	23	06		008		SH
SA	0947	130 SCT E250 BKN	20			186	51	27	17	02		010	210 1078 38	SH
SA	1045	E250 BKN	20			185	56	26	23	05		010		SH
SA	1148	250 SCT	20			184	58	27	33	07		010		SH
SA	1247	CLR	20			171	61	22	09	10		006	810 1001	SH
SA	1347	CLR	20			161	64	22	07	11		004		SH
SA	1446	CLR	20			161	64	26	02	11		004		SH
SA	1554	250 - SCT	20			159	64	23	06	07		004	607 1101 66 RADAT	JC
/													20100	/
SA	1647	250 - SCT	20			160	62	23	10	10		004		JC
SA	1753	CLR	20			178	57	29	02	06		009		JC
SA	1849	CLR	20			193	53	33	06	09		012	324	JC
SA	1951	250 SCT	20			190	54	33	03	10		012		JC
SA	2050	250 SCT	20			198	51	29	04	12		014		JC
SA	2155	CLR	20			205	50	33	04	14		016	314 66	JC
SA	2253	CLR	20			201	52	31	07	10		016		JC
SA	2354	CLR	20			202	48	23	06	10		016		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 NV

DATE: 1983 FEB 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	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 52	26.640	38.8	33.7	60	2	2	Ci	250												2	8	.010			00-01
01 51	26.640	39.0	34.8	67	8															7					01-02
02 50	26.620	39.8	35.4	66	10															10					02-03
03 48	26.630	42.9	36.0	51	10	4	Ac	130	6	CS	E250	10								10	5	.010			03-04
04 47	26.640	42.3	36.4	58	10															10					04-05
05 47	26.650	42.2	36.4	58	10															10					05-06
06 50	26.650	44.4	36.4	63	10	5	Ac	130	5	CS	E250	10								10	1	.020			06-07
07 46	26.660	45.4	37.2	46	10															10					07-08
08 45	26.670	48.3	38.8	42	10															10					08-09
09 47	26.680	50.7	40.2	39	9	3	Ac	230	6	CS	E250	9								9	2	.030			09-10
10 45	26.680	55.7	42.6	32	7															7					10-11
11 48	26.680	57.7	43.7	30	2															2					11-12
12 47	26.650	61.3	44.3	22	0	0	Ci	250												0	8	.030			12-13
13 47	26.630	63.6	45.2	20	0															0					13-14
14 46	26.630	64.4	46.6	23	0															0					14-15
15 54	26.630	64.1	45.8	21	2	0	Cu	50	2	Ci	250	2								0	6	.020			15-16
16 47	26.630	62.4	45.0	22	2															0					16-17
17 53	26.670	56.9	44.1	35	0															0					17-18
18 49	26.700	53.4	41.1	33	0															0	3	.070			18-19
19 51	26.700	53.8	43.8	45	2															2					19-20
20 50	26.720	50.8	40.9	42	1															1					20-21
21 55	26.740	50.2	42.0	51	0															0	3	.040			21-22
22 53	26.740	51.8	42.1	44	0															0					22-23
23 54	26.740	47.6	37.6	38	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 0344	X	0	0	X	43	38	X	X						X		
	0344	1	0	0	0	43	38		0								
	0943	2	0	0	0	51	41		0								
	1545	3	0	0	0	66	50		0								
	2147	4	0	0	0	64	50		0								
	MID.	X	0	0	0	52	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.680	26.630	26.740
BAROGRAPH 64	26.625	26.670	26.620	26.735
BAR. CORR. 65	+.005	+.010	+.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 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
66	38	0	0	0	19	NE	2157					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: 0601 P ± 2 Sec./ 1918P ± 2 Sec./ ± Sec.

1849-25-2322

SP/0

RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED.

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 NV

DATE: 1983 FEB 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. (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	0053	250 SCT	20			206	45	21	05	06		017	303 1001	JC
SA	0149	250 SCT	20			205	45	25	00	00		017		JC
SA	0250	CLR	20			205	43	25	12	04		017		JC
SA	0350	CLR	20			209	39	27	14	03		018	302 39 RADAT 20102	RD
SA	0447	CLR	20			215	38	25	30	04		019		RD
SA	0549	CLR	20			217	37	26	08	03		019		RD
SA	0649	CLR 250 -SCT	20			221	38	25	12	05		019	103 1005	RD
SA	0748	250 -BKN	20			227	43	25	17	03		022		RD
SA	0847	250 -SCT	20			224	49	26	30	03		022		RD
SA	0949	250 -BKN	20			227	55	24	30	03		024	314 1008 36	RD
SA	1048	250 -BKN	20			228	59	22	30	04		025		RD
SA	1147	250 -BKN	20			217	62	21	32	03		022		RD
SA	1247	250 -BKN	20			204	65	22	24	09		017	719 1008	RD
SA	1349	250 -OVC	20			196	65	22	23	07		015		RD
SA	1450	E250 OVC	20			195	65	23	26	07		015		RD
SA	1545	E250 OVC	20			191	65	23	24	05		013	714 1007 66 RADAT 20125	~~008~~
SA	1647	180 SCT E250 OVC	20			189	63	25	27	05		012		~~008~~
SA	1750	180 SCT E250 OVC	20			195	55	33	12	04		012		~~008~~
SA	1850	180 SCT E250 BKN	20			205	51	31	05	04		014	303 1038	~~008~~
SA	1949	180 SCT E250 OVC	20			203	51	30	07	06		015		~~008~~
SA	2050	180 SCT E250 OVC	20			196	50	30	07	06		014		~~008~~
SA	2144	180 SCT E250 OVC	20			191	50	28	12	06		013	803 1057 66	~~008~~
SA	2245	180 SCT E250 OVC	20			186	49	29	05	03		012		~~008~~
SA	2347	180 SCT E250 OVC	20			183	49	28	08	06		012		~~008~~

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, NV

DATE: 1983 FEB 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	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 53	26.750	44.7	35.5	39	1	1	Ci	250												1	3	.010			00-01
01 49	26.750	44.7	36.6	46	1															1					01-02
02 50	26.750	42.6	35.4	49	0															0					02-03
03 50	26.755	39.2	34.1	61	0															0	3	.005			03-04
04 47	26.765	38.0	33.0	60	0															0					04-05
05 49	26.765	36.5	32.4	66	0															0					05-06
06 49	26.765	38.0	32.8	59	5	5	Ci	250												2	1	.010			06-07
07 48	26.790	42.6	35.4	50	6															2					07-08
08 47	26.785	48.7	38.9	40	4															1					08-09
09 49	26.805	54.9	41.5	30	6	6	Cs	250												1	3	.040			09-10
10 48	26.815	59.0	43.0	23	8															2					10-11
11 47	26.785	62.1	44.3	20	9															2					11-12
12 47	26.750	64.6	45.7	19	9	9	Cs	250												3	7	.055			12-13
13 47	26.730	65.2	45.9	19	10															3					13-14
14 50	26.725	64.7	46.0	20	10															6					14-15
15 45	26.710	65.3	46.3	20	10	10	Cs	E250												8	7	.040			15-16
16 47	26.700	63.2	45.8	23	10															8					16-17
17 50	26.700	55.0	44.3	42	10															9					17-18
18 50	26.720	51.2	42.0	46	8	3	Ac	180	5	Cs	E250	8								7	3	.010			18-19
19 49	26.725	51.2	41.6	44	10															10					19-20
20 50	26.715	50.3	41.2	46	10															10					20-21
21 44	26.710	50.0	40.4	43	10	3	Ac	180	7	Cs	E250	10								10	8	.010			21-22
22 45	26.700	48.7	40.1	47	10															10					22-23
23 49	26.700	49.5	39.5	45	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 0344	X	0	0	X	48	39	X	X						X		
	0344	1	0	0	0	52	39		0								
	0942	2	0	0	0	55	36		0								
	1540	3	0	0	0	66	55		0								
	2140	4	0	0	0	65	49		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1544	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.755	26.805	26.710	26.710
BAROGRAPH 64	26.760	26.800	26.710	26.705
BAR. CORR. 65	-.005	+.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
66	36	0	0	0	12	W	1419					8	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: 1035 ±2 Sec. / 2103P ±2 Sec. / ± Sec.

0649P - 0649P

CHANGED MICROBAROGRAPH AT 0948 LST

SP/0

RS/0

SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 FEB 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 (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. SERIES & INITIALS (15)
SA	0046	180 SCT E250 OVC	20			176	48	28	32	05		010	710 1047	008
SA	0144	180 SCT E250 OVC	20			169	44	30	05	04		007		008
SA	0245	180 SCT E250 OVC	20			167	42	30	31	05		006		008
SA	0350	E250 OVC	20			155	43	29	30	04		003	720 1097 42 RADAT 24123	RD
SA	0449	E250 OVC	20			152	41	28	04	03		002		RD
SA	0549	E250 OVC	20			143	42	28	12	10		998		RD
SA	0649	180 SCT E250 OVC	20			135	42	27	10	03		995	725 1058	RD
SA	0746	E250 BKN	20			124	51	25	11	09		993		RD
SA	0849	250 - SCT	20			100	65	28	18	20 G 34		989		RD
SA	0952	250 - SCT	20			095	66	28	19	25 G 32		981	PK WND 1843/12 / 742	RD
—			—			—						—	1101 40	—
SA	1051	CLR	20			063	66	27	19	34		978	FEW CU SE / PK WND	RD
—			—			—						—	2052/35	—
SA	1151	70 SCT	20			054	67	27	21	38 G 50		975	PK WND 2156/37	RD
SA	1251	E50 BKN	20			054	65	30	22	38 G 50		974	* PK WND 2057/01	RD
—			—			—						—	RWY NE 607 1100	—
SP	1306	E50 BKN	20		RW-				27	36 G 47		969	RB03 WSHIFT 00	—
—			—			—						—	FROPA	RD
SA	1349	50 SCT	20			081	59	29	28	35		981	RB03E27 WSHIFT 00	RD
—			—			—						—	FROPA PRESRR PK WND	—
—			—			—						—	2747/23	—
SA	1451	50 SCT	20			092	59	18	24	27		983	PK WND 2636/26	RD
SA	1554	50 SCT	20			090	58	23	24	24 G 34		983	12200 1100 68 RHDAT 33028	008
SA	1645	50 SCT	20			082	57	23	23	19 G 30		983		008
SA	1745	CLR	20			106	54	7	26	11 G 19		987	FEW CU N	008
SA	1849	CLR	20			116	53	8	22	09 G 17		990	320	008
SA	1947	CLR	20			124	50	17	25	09		993		008
SA	2050	CLR	20			133	49	18	32	08		997		008
SA	2145	CLR	20			141	45	18	32	07		999	230 68	008
SA	2245	CLR	20			148	47	20	32	10		002		008
SA	2345	CLR	20			150	49	20	33	13 G 20		003		008

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, NV

DATE: 1983 FEB 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	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 46	26.680	47.8	39.2	46	10	2	AC	180	8	CS	E250	10								10	7	.030			00-01
01 44	26.660	44.0	37.7	57	10															10					01-02
02 45	26.650	41.8	36.7	62	10															10					02-03
03 50	26.620	43.0	36.8	56	10	0	AC	180	10	CS	E250	10								10	7	.060			03-04
04 49	26.605	40.5	35.3	59	10															10					04-05
05 49	26.570	42.0	36.0	56	10															8					05-06
06 49	26.545	41.5	35.4	55	10	3	AC	180	7	CS	E250	10								10	7	.075			06-07
07 46	26.530	51.1	40.0	36	8															7					07-08
08 49	26.475	64.8	47.0	24	4															2					08-09
09 50	26.420	65.6	47.7	23	3	0	CU	70	3	CI	250	3								0	7	.125			09-10
10 51	26.390	66.2	47.8	23	0															0					10-11
11 51	26.365	67.0	48.2	22	2															2					11-12
12 51	26.360	64.8	48.0	27	6	6	CU	E50												6	6	.060			12-13
13 49	26.420	59.0	45.0	32	2															2					13-14
14 51	26.440	59.1	42.0	20	1															1					14-15
15 54	26.440	58.2	43.0	26	1	1	CU	50												1	1	.080			15-16
16 45	26.440	56.8	42.2	26	1															1					16-17
17 45	26.475	54.4	37.9	15	0															0					17-18
18 49	26.500	53.1	37.4	16	0															0	3	.060			18-19
19 47	26.530	50.0	37.3	26	0															0					19-20
20 50	26.570	42.7	37.0	30	0															0					20-21
21 45	26.590	44.9	34.9	34	0															0	2	.090			21-22
22 45	26.610	46.8	36.3	34	0															0					22-23
23 45	26.620	49.0	37.6	33	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 0343	X	0	0	X	49	42	X	X						X		
	0343	1	0	0	0	51	42		0								
	0942	2	0	0	0	66	40		0								
	1545	3	T	0	0	68	58		0								
	2140	4	0	0	0	59	45		0								
	MID.	X	0	0	0	50	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1553	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.420	26.440	26.590
BAROGRAPH 64	26.610	26.395	26.410	26.570
BAR. CORR. 65	+.010	+.025	+.030	+.020

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
68	40	T	0	0	57	SW	1201					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1303	1327			

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: 0902 ± 2 Sec./ 2205P ± 3 Sec./ ± Sec.

1251P 620 1400P

SP - 1

RS - 0

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 FEB 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIER'S INITIALS (15)
SA	0030	CLR	20			153	47	20	32	16		003	110	008
SA	0145	CLR	20			160	46	20	31	12 G 17		004		008
SA	0245	CLR	20			163	48	15	34	17 G 24		005		008
SA	0350	CLR	20			173	46	15	34	12		008	214 43 RADAT 35073	RD
SA	0449	CLR	20			182	40	15	06	08		009		RD
SA	0550	CLR	20			191	37	19	04	07		011		RD
SA	0648	CLR	20			196	42	16	06	14		013	217	RD
SA	0746	CLR	20			212	45	15	06	13		017		RD
SA	0851	CLR	20			224	47	17	06	12		021		RD
SA	0949	CLR	20			225	49	18	03	10		022	125 36	RD
SA	1045	CLR	20			224	51	16	36	05		022		RD
SA	1148	CLR	20			211	54	15	01	14		018		RD
SA	1250	CLR	20			206	56	19	03	15		017	814	RD
SA	1348	CLR	20			191	58	16	04	14		013		RD
SA	1450	CLR	20			189	59	9	02	11		013		RD
SA	1547	CLR	20			196	58	3	01	12 G 17		014	708 60 RADAT 24HC79099116	008
SA	1649	250 - SCT	20			204	57	1	03	12 G 18		015		008
SA	1750	250 - BKN	20			220	53	3	04	12 G 17		018		008
SA	1846	250 - SCT	20			224	51	3	04	12		021	220 1001	008
SA	1945	250 SCT	20			227	50	6	03	14 G 20		022		008
SA	2046	250 SCT	20			231	48	8	03	15 G 20		023		008
SA	2147	250 SCT	20			235	47	12	03	14 G 19		024	210 1002 60	008
SA	2246	250 SCT	20			237	45	9	04	13		025		008
SA	2345	250 SCT	20			237	44	6	03	15 G 22		025		008

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, NV

DATE: 1983 FEB 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 50	26.620	47.4	36.6	33	0															0	1	.030			00-01
01 45	26.630	46.3	36.1	35	0															0					01-02
02 45	26.640	48.1	35.9	26	0															0					02-03
03 50	26.660	46.3	35.0	28	0															0	2	.040			03-04
04 49	26.675	40.0	31.4	36	0															0					04-05
05 50	26.690	37.4	30.8	47	0															0					05-06
06 48	26.710	41.8	32.6	35	0															0	2	.050			06-07
07 46	26.750	44.9	34.2	30	0															0					07-08
08 51	26.780	47.2	35.9	30	0															0					08-09
09 49	26.785	49.0	37.0	29	0															0	1	.075			09-10
10 45	26.785	51.4	37.8	24	0															0					10-11
11 48	26.760	54.0	39.0	21	0															0					11-12
12 50	26.745	55.9	40.8	23	0															0	8	.040			12-13
13 48	26.710	57.8	41.1	19	0															0					13-14
14 50	26.710	59.2	40.7	14	0															0					14-15
15 47	26.720	57.7	39.0	11	0															0	7	.025			15-16
16 49	26.730	56.8	38.3	10	4															1					16-17
17 50	26.760	53.0	36.6	13	8															3					17-18
18 46	26.780	50.9	35.5	14	4	4	ci	250												2	2	.060			18-19
19 45	26.790	50.0	35.4	17	4															4					19-20
20 46	26.800	48.3	34.7	19	4															4					20-21
21 47	26.810	46.6	34.4	24	3	3	ci	250												3	2	.030			21-22
22 46	26.820	45.1	33.0	22	3															3					22-23
23 45	26.820	44.1	32.1	21	3															3					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 0343	X	0	0	X	49	45	X	X						X		
	0343	1	0	0	0	50	43		0								
	0942	2	0	0	0	49	36		0								
	1541	3	0	0	0	60	49		0								
	2142	4	0	0	0	59	46		0								
	MID.	X	0	0	0	47	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.785	26.720	26.810
BAROGRAPH 64	26.640	26.770	26.705	26.790
BAR. CORR. 65	+.020	+.015	+.015	+.020

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
60	36	0	0	0	28	NE	1136					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: 0305 ±2 Sec./ 2215P ±3 Sec./ ± Sec.

SP - 0

RS - 0

MF1-10A
(1-82)

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

STATION WMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1983 FEB 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. (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	0049	250 SCT	20			233	43	9	04	12	G17	024	000 1002	008
SA	0150	250 SCT	20			236	42	8	07	10		025		008
SA	0245	250 SCT	20			235	43	9	04	12		025		008
SA	0351	250 SCT	20			236	42	7	04	12		025	103 1001 41	MR
/													RADAT 45M 095102110	/
SA	0451	CLR	20			240	42	7	04	10		026		MR
SA	0548	CLR	20			242	42	9	05	13	G19	026	Ac SE	MR
SA	0646	CLR	20			245	41	6	06	04		026	103	MR
SA	0750	CLR	20			246	44	8	03	13	G18	027		MR
SA	0849	CLR	20			248	47	7	05	06		027		MR
SA	0947	250 - BKN	20			247	50	8	02	11		027	105 1006 40	MR
SA	1046	250 - OVC	20			237	53	5	03	11		025		MR
SA	1150	250 - OVC	20			225	56	3	30	07	G14	022		MR
SA	1249	250 - OVC	20			211	60	3	10	10	G16	018	829 1001	MR
SA	1346	250 - OVC	20			203	60	4	01	04		015		MR
SA	1450	E250 OVC	20			204	61	5	11	08		016		MR
SA	1547	E250 OVC	20			200	62	7	12	09		015	610 1007 62 RADAT 38113	CG
SA	1649	E250 BKN	20			197	61	5	11	12		014		CG
SA	1753	E250 BKN	20			202	57	6	11	08		015		CG
SA	1851	E250 BKN	20			203	56	9	09	12		015	500 1008	CG
SA	1950	E250 BKN	20			208	52	13	10	06		016		CG
SA	2055	E250 BKN	20			215	50	15	07	05		018		CG
SA	2147	E250 BKN	20			214	49	14	09	09		018	110 1008 62	CG
SA	2252	E250 BKN	20			209	49	18	04	12		017		CG
SA	2345	E250 BKN	20			212	48	21	06	10		018		CG

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

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

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, NV

DATE: 1983 FEB 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 49	26.810	43.1	32.0	25	4	4	ci	250												4	0	.000			00-01
01 50	26.820	41.7	30.9	25	5															5					01-02
02 45	26.820	43.0	31.8	25	3															3					02-03
03 51	26.820	41.9	30.7	23	3	3	Ci	250												2	1	.010			03-04
04 51	26.830	41.8	30.7	23	0															0					04-05
05 48	26.830	41.8	31.0	25	0															0					05-06
06 46	26.830	40.9	30.1	23	0															0	1	.010			06-07
07 50	26.840	43.5	31.8	23	0															0					07-08
08 49	26.845	47.4	34.0	19	0															0					08-09
09 47	26.845	50.2	35.8	18	8	8	Cs	250												0	1	.015			09-10
10 46	26.820	53.0	36.8	14	10															1					10-11
11 50	26.790	56.1	38.2	11	10															2					11-12
12 49	26.760	59.7	40.1	10	10	10	Ci	250												2	8	.085			12-13
13 46	26.735	59.7	40.2	10	10															3					13-14
14 50	26.740	60.7	40.9	11	10															7					14-15
15 47	26.730	62.0	41.8	11	10	10	Cs	E250												7	6	.030			15-16
16 49	26.720	60.5	40.8	11	9															7					16-17
17 53	26.730	56.7	39.0	13	8															6					17-18
18 51	26.730	56.0	39.0	15	7	7	Cs	E250												6	5	.000			18-19
19 50	26.740	51.9	37.6	21	7															5					19-20
20 55	26.760	50.0	37.0	25	7															5					20-21
21 47	26.760	48.9	36.3	24	7	7	Cs	E250												5	1	.030			21-22
22 52	26.750	48.7	37.0	30	8															5					22-23
23 45	26.760	47.7	37.0	34	9															5					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 0343	X	0	0	X	44	41	X	X						X		
	0343	1	0	0	0	47	41		0								
	0942	2	0	0	0	51	40		0								
	1541	3	0	0	0	62	50		0								
	2144	4	0	0	0	62	49		0								
	MID.	X	0	0	0	49	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61		26.789		
TOTAL CORR. 62	Alt.			
STA. PRESS. 63	26.820	26.845	26.730	26.760
BAROGRAPH 64	26.800	26.825	26.710	26.740
BAR. CORR. 65	+.020	+.020	+.020	+.020

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	40	0	0	0	21	NE	0811					7	6		

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: 0551P ±3 Sec./ 2035 ±3 Sec./ ± Sec.

SP = 0

RS = 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED U.S. G.P.O. 1982-551-008/4124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 FEB 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) 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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	250 SCT	20			206	46	19	05	13		017	803 1008	CG
SA	0153	250 SCT	20			208	42	21	30	05		017		CG
SA	0253	250 SCT	20			204	42	20 ~~15~~	08	11		016		CG
SA	0351	250 SCT	20			203	40	17	10	06		015	805 1008 40 RADAT 20111	MR
SA	0447	250 - OVC	20			201	41	16	14	04		015		MR
SA	0550	190 SCT 250 - OVC	20			207	41	18	08	03		016		MR
SA	0645	190 SCT 250 - OVC	20			205	41	20	23	04		015	000 1011	MR
SA	0749	CLR	20			211	45	20	33	06		017	FEW C1	MR
SA	0847	250 - SCT	20			209	52	17	09	03		017		MR
SA	0949	250 - SCT	20			207	56	16	03	10		017	105 1001 40	MR
SA	1045	250 - OVC	20			204	59	17	33	04		016		MR
SA	1149	250 - OVC	20			190	63	17	22	03		013		MR
SA	1248	250 - OVC	20			182	66	16	28	04		011	819 1007	MR
SA	1347	250 - OVC	20			180	65	18	20	08		010		MR
SA	1449	E250 OVC	20			175	65	20	21	09		008		MR
SA	1549	250 - BKN	20			167	66	15	24	08		006	715 1008 67 RADAT 32109	CG
SA	1652	250 - BKN	20			167	65	14	22	07		006		CG
SA	1750	250 - BKN	20			176	57	19	25	02		007		CG
SA	1855	250 - BKN	20			179	51	23	06	03		007	103 1008	CG
SA	1951	250 - BKN	20			178	47	25	09	02		007		CG
SA	2049	250 - OVC	20			181	45	25	09	04		008		CG
SA	2149	250 - OVC	20			178	45	23	15	03		008	103 1007 67	CG
SA	2250	250 - OVC	20			177	44	25	21	03		008		CG
SA	2350	250 - OVC	20			172	43	26	10	02		007		CG

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, NV

DATE: 1983 FEB 21

To convert LST to GMT ADD 5 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	26.750	45.8	35.5	34	5	5	Cs	250												3	8	.010			00-01
01 53	26.750	42.2	34.0	42	4															3					01-02
02 53	26.740	42.3	33.8	40	1															1					02-03
03 51	26.735	40.0	31.7	39	1	1	Cs	250												1	8	.015			03-04
04 47	26.730	41.2	32.3	36	10															4					04-05
05 50	26.740	40.5	32.4	41	10															5					05-06
06 45	26.735	41.0	33.0	42	10	2	As	190	10	Ci	250	10								5	0	.000			06-07
07 49	26.750	45.4	35.5	36	0															0					07-08
08 47	26.750	51.9	38.4	25	2															0					08-09
09 49	26.750	55.9	40.2	20	2	2	Ci	250												0	1	.015			09-10
10 45	26.745	59.0	42.0	19	10															2					10-11
11 49	26.715	62.9	43.8	16	10															2					11-12
12 48	26.695	66.2	45.3	14	10	10	Cs	250												1	8	.055			12-13
13 47	26.685	65.4	45.2	16	10															3					13-14
14 49	26.670	64.7	44.8	18	10															6					14-15
15 49	26.650	66.0	45.0	14	7	7	Cs	250												3	7	.045			15-16
16 52	26.650	64.5	44.0	14	8															3					16-17
17 50	26.660	57.0	41.4	22	6															3					17-18
18 55	26.660	50.5	39.0	33	6	6	Cs	250												2	1	.010			18-19
19 51	26.660	47.1	37.8	41	8															3					19-20
20 49	26.670	45.0	36.8	45	10															3					20-21
21 49	26.670	44.8	36.1	42	10	10	Cs	250												4	1	.010			21-22
22 50	26.670	44.0	36.1	46	10															3					22-23
23 50	26.660	43.2	36.0	50	10															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 0344	X	0	0	X	48	40	X	X						X		
	0344	1	0	0	0	49	40		0								
	0943	2	0	0	0	57	40		0								
	1545	3	0	0	0	67	56		0								
	2145	*	0	0	0	66	45		0								
	MID.	X	0	0	0	45	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.735	26.750	26.650	26.670
BAROGRAPH 64	26.720	26.750	26.640	26.660
BAR. CORR. 65	+.015	0*	+.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
67	40	0	0	0	17	5	1335					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: 0452P ±3 Sec./ 1835P ±3 Sec./ ± Sec.

0253P/0253P

* BAROGRAPH CHANGED AND RESET TO ZERO CORR

SP/0

RS/0

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

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, NV

DATE: 1983 FEB 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. (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	0049	250-BKN	20			171	42	24	14	04		007	803 1008	CG
SA	0149	250-BKN	20			167	42	24	10	07		006		CG
SA	0250	250-BKN	20			157	40	22	06	05		003		CG
SA	0348	250-OVC	20			159	41	22	22	03		004	510 1007 40 RAOAT 20111	MR
SA	0447	150 SCT E250 OVC	20			163	43	22	11	02		005		MR
SA	0547	E140 OVC	20			163	45	22	09	04		004		MR
SA	0646	E140 BKN 200 OVC	20			171	46	23	31	06		006	305 1071	MR
SA	0747	E200 BKN 250 OVC	20			178	47	23	14	02		007		MR
SA	0847	200 SCT 250-OVC	20			172	56	20	10	04		007		MR
SA	0947	250-OVC	20			168	61	20	11	07		006	002 1077 40	MR
SA	1046	250-OVC	20			165	63	17	08	04		006		MR
SA	1148	250-SCT	20			154	67	19	10	05		003		MR
SA	1247	250-SCT	20			145	68	17	11	04		000	819 1001	MR
SA	1345	250-OVC	20			135	70	16	03	03		998		MR
SA	1449	250-OVC	20			130	72	17	24	03		996		MR
SA	1551	250-OVC	20			126	70	14	07	05		995	715 1007 73 RAOAT 36109	CG
SA	1648	250-BKN	20			126	70	11	23	10		995		CG
SA	1749	250-SCT	20			128	63	19	19	03		995		CG
SA	1852	CLR	20			136	56	22	09	06		996	303 1008	CG
SA	1947	CLR	20			136	55	24	10	09		996		CG
SA	2048	CLR	20			132	51	21	08	03		996		CG
SA	2148	250-SCT	20			132	48	22	08	02		996	400 1008 73	CG
SA	2246	250-BKN	20			126	48	23	16	02		995		CG
SA	2351	250-BKN	20		123	128	45	22	06	07		994		CG

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, NV

DATE: 1983 FEB 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	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	26.660	42.1	35.0	49	7	7	Cs	250												2	8	.010			00-01
01 49	26.650	41.7	34.5	48	6															2					01-02
02 50	26.620	40.1	33.0	47	6															2					02-03
03 48	26.630	41.0	33.5	46	10	10	Cs	250												5	5	.030			03-04
04 47	26.640	42.6	34.6	44	10															10					04-05
05 47	26.630	45.1	35.9	39	10															10					05-06
06 46	26.645	45.6	36.5	41	10	6	Ac	E140	4	As	200	10								10	3	.015			06-07
07 47	26.660	47.2	37.4	38	10															9					07-08
08 47	26.655	56.2	41.2	24	10															4					08-09
09 47	26.650	61.0	43.5	20	10	0	Ac	150	10	Cs	250	10								3	0	.005			09-10
10 46	26.645	63.3	44.0	16	10															2					10-11
11 48	26.620	66.6	45.9	16	3															0					11-12
12 47	26.595	67.5	45.9	14	2	2	Ci	250												0	8	.055			12-13
13 45	26.575	69.7	46.9	13	10															1					13-14
14 49	26.560	71.9	48.0	12	10															1					14-15
15 51	26.550	70.4	46.8	11	10	10	Cs	250												1	7	.045			15-16
16 48	26.550	69.8	46.0	10	8															1					16-17
17 49	26.550	62.7	44.1	18	5															1					17-18
18 52	26.560	56.0	41.6	26	0	0	Cs	250												0	3	.010			18-19
19 47	26.580	54.8	41.6	30	0															0					19-20
20 48	26.560	51.1	39.0	31	0															0					20-21
21 48	26.560	48.4	37.6	34	4	4	Cs	250												0	4	.000			21-22
22 46	26.550	47.8	37.6	37	8															0					22-23
23 51	26.540	45.1	36.0	40	9															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 0343	X	0	0	X	43	40	X	X						X		
	0343	1	0	0	0	45	40		0								
	0943	2	0	0	0	62	41		0								
	1546	3	0	0	0	73	61		0								
	2144	4	0	0	0	70	48		0								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1551	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.650	26.550	26.560
BAROGRAPH 64	26.615	26.635	26.530	26.540
BAR. CORR. 65	+.015	+.015	+.020	+.020

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
73	40	0	0	0	14	E	0918					8	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: 0449 P ~~03~~ Sec./ 1830 P ~~23~~ Sec./ ± Sec.

2351 P/2351 P

SP/0

RS/0

SUPERSEDES MF1-10B (2-76) WHICH MAY BE USED.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 FEB 23

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	0046	250-OVC	20			123	45	21	02	07		994	607 1007	CG
SA	0151	250-OVC	20			113	45	21	05	04		992		CG
SA	0249	250-OVC	20			109	43	23	10	05		991		CG
SA	0353	E250 OVC	20			107	43	25	26	06		990	714 1007 42 RADAT 37112	CRD
SA	0449	E250 OVC	20			102	43	23	33	02		988		CRD
SA	0551	E250 OVC	20			107	43	23	01	03		988		CRD
SA	0654	160 SCT E250 OVC	20			119	41	23	01	05		991	303 1077	CRD
SA	0750	160 SCT E250 OVC	20			117	47	28	35	04		991		CRD
SA	0849	160 SCT E250 OVC	20			115	55	23	05	03		991		CRD
SA	0950	160 SCT E250 OVC	20			110	59	17	32	05		990	803 1077 40	CRD
SA	1050	160 SCT E250 OVC	20			103	62	20	13	10		988		CRD
SA	1150	E140 BKN 160 BKN 250 OVC	20			100	63	22	12	10		986		CRD
SA	1249	80 SCT E140 BKN 250 OVC	20			088	63	22	13	10		984	719 1577	CRD
SA	1350	80 SCT E140 BKN 250 OVC	20			083	64	20	19	04		982		CRD
SA	1450	80 SCT E140 BKN 250 OVC	20			074	66	22	19	07		980		CRD
SA	1549	80 SCT 140 SCT E250 OVC	20			063	65	20	12	09		976	722 1577 66 RADAT 35104	CG
SA	1654	140 SCT E250 OVC	20			066	62	20	10	11		976		CG
SA	1746	140 SCT E250 OVC	20			062	60	21	10	13		975		CG
SA	1851	140 SCT E250 OVC	20			062	57	23	13	06		974	807 1078	CG
SA	1950	140 SCT E250 OVC	20			058	56	22	11	12		974		CG
SA	2049	140 SCT 250-BKN	20			056	54	24	09	05		974		CG
SA	2148	140 SCT	20			052	48	23	06	03		973	803 1070 66	CG
SA	2247	140 SCT	20			050	49	26	18	03		973		CG
SA	2352	140 SCT	20			047	48	25	07	04		972		CG

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, NV

DATE: 1983 FEB 23

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 46	26.540	44.8	35.6	39	10	10	Cs	250												2	6	.020			00-01
01 51	26.520	45.1	35.7	38	10															2					01-02
02 49	26.510	43.0	35.0	44	10															2					02-03
03 53	26.500	42.9	35.6	49	10	10	CS	E250												8	7	.040			03-04
04 49	26.490	42.5	34.8	46	10															8					04-05
05 51	26.490	42.8	34.5	48	10															7					05-06
06 54	26.510	41.0	34.0	49	10	2	Ac	160	8	Cs	E250	10								7	3	.010			06-07
07 50	26.510	46.7	38.5	47	10															8					07-08
08 49	26.510	54.5	41.1	29	10															8					08-09
09 50	26.500	58.8	41.8	19	10	2	Ac	160	8	Cs	E250	10								7	8	.010			09-10
10 50	26.485	62.3	44.1	19	10															10					10-11
11 50	26.470	62.7	44.8	21	10	~~6~~	~~Ac~~	~~E140~~	~~2~~	~~Ac~~	~~160~~	~~8~~	~~2~~	~~Cs~~	~~250~~	~~10~~				10					11-12
12 49	26.445	63.3	45.1	20	10	5	Sc	80	3	Ac	E140	8	2	Cs	250	10				10	7	.055			12-13
13 50	26.430	64.3	45.2	18	10															10					13-14
14 50	26.410	65.5	46.1	19	10															10					14-15
15 49	26.380	64.8	45.4	18	10	2	Sc	80	1	Ac	140	3	10	Cs	E250	10				10	7	.065			15-16
16 54	26.380	61.7	44.0	20	10															9					16-17
17 46	26.370	60.4	44.7	24	10															9					17-18
18 51	26.360	57.3	42.5	26	10	4	Ac	140	6	Cs	E250	10								9	8	.020			18-19
19 50	26.360	55.8	41.5	26	10															8					19-20
20 49	26.360	53.7	41.0	31	7															3					20-21
21 48	26.350	48.3	38.0	37	4	4	Ac	140												4	8	.010			21-22
22 47	26.350	48.8	39.0	40	4															4					22-23
23 52	26.340	47.7	38.1	40	4															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	X	0	0	X	45	42	X	X						X		
	0350	1	0	0	0	48	42		0								
	0948	2	0	0	0	60	40		0								
	1544	3	0	0	0	66	59		0								
	2145	4	0	0	0	65	48		0								
	MID.	X	0	0	0	49	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.500	26.380	26.350
BAROGRAPH 64	26.490	26.485	26.350	26.330
BAR. CORR. 65	+.010	+.015	+.030	+.020

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
66	40	0	0	0	15	E	1116					10	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: 0800P ±3 Sec.1 1905P ±3 Sec.1 ± Sec.

RS/0
SP/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-560-030/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 FEB 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. (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. SERIES INITIALS (15)
SA	0048	140 SCT 250-BKN	20			044	45	24	03	05		971	807 1078	CG
SA	0149	E140 BKN 250 OVC	20			041	44	27	14	02		970		CG
SA	0252	E140 BKN 250 OVC	20			035	47	28	01	06		969		CG
SA	0350	E80 BKN 250 OVC	20			036	46	30	32	04		969	607 1507 44 RADAT 71092	CRD
SA	0448	E80 BKN 250 OVC	20			038	47	29	04	06		970		CRD
SA	0550	E80 BKN 250 OVC	20			037	46	29	04	02		969		CRD
SA	0648	E80 BKN 250 OVC	20			040	47	28	11	04		969	000 1507	CRD
SA	0750	E80 BKN 250 OVC	20			048	48	30	36	03		972		CRD
SA	0848	E80 BKN 250 OVC	20			047	52	26	27	04		972		CRD
SA	0952	80 SCT E140 BKN 250 OVC	20			047	55	33	19	03		971	107 1577 44	CRD
SA	1050	70 SCT E140 BKN 250 OVC	20			043	56	27	27	04		970		CRD
SA	1149	70 SCT E250 BKN	20			036	60	29	20	07		967	RB36 E46	CRD
SA	1248	E60 BKN 250 BKN	20			021	59	31	21	08		963	*72400 1208/*TCU N-NE	CRD
SA	1346	60 SCT 250 SCT	20			005	60	30	10	15 G24		959	TCU N-NE RWU SE	CRD
SA	1453	E40 BKN 100 BKN 250 OVC	20		RW-	034	51	34	14	16 G25		967	TCU ALQDS RB42 PRESRR	CRD
SA	1549	E40 BKN 100 OVC	20			041	45	39	23	14 G24		968	RE20 TCU ALQDS 31202	/
/													127/ 62 RADAT 99075	HS
SA	1646	E40 BKN 100 BKN	20			049	46	34	21	13		970	TCU NW-NE	HS
SA	1746	40 SCT 100 SCT	20			055	45	34	24	10		971		HS
SA	1848	E110 BKN	20			065	45	34	18	07		974	322 1070	HS
SA	1953	E110 BKN	20			069	45	34	26	04		976		HS
SA	2047	120 SCT E250 OVC	20			070	45	34	34	06		977		HS
SA	2147	120 SCT E250 OVC	20			069	44	36	34	04		977	107 1078 62	HS
SA	2247	40 SCT E100 OVC	20		RW-	076	44	37	34	05		979	RB25	HS
SA	2348	E40 BKN 100 OVC	20		RW-	077	42	39	31	05		980		HS

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 24 FEB 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 48	26.330	44.6	36.4	45	8	2	Ac	140	6	Cs	250	8								3	8	.020			00-01
01 49	26.320	44.1	37.0	51	10															7					01-02
02 52	26.310	46.5	38.4	48	10															7					02-03
03 50	26.310	45.6	38.8	55	10	6	Sc	E80	4	Cs	250	10								10	6	.020			03-04
04 48	26.315	46.9	39.0	50	10															10					04-05
05 50	26.310	45.5	38.5	53	10															10					05-06
06 48	26.310	46.9	38.7	48	10	6	Sc	E80	4	Cs	250	10								9	0	.000			06-07
07 50	26.335	48.0	40.1	50	10															8					07-08
08 48	26.335	52.2	40.9	36	10															9					08-09
09 52	26.330	54.5	44.2	44	10	4	Sc	80	3	Ac	E140	7	3	Cs	250	10				8	1	.020			09-10
10 50	26.320	56.2	43.2	33	10															8					10-11
11 49	26.290	60.4	45.8	31	6															6					11-12
12 48	26.260	59.2	45.8	35	8	6	Cu	E60	2	Cs	250	8								8	7	.070			12-13
13 46	26.220	60.2	46.0	32	5															5					13-14
14 53	26.290	51.0	42.9	52	10															10					14-15
15 49	26.295	45.3	42.0	77	10	7	Cu	E40	3	Ac	100	10								10	3	.035			15-16
16 46	26.320	46.0	40.4	63	9															9					16-17
17 46	26.330	44.8	39.7	65	4															4					17-18
18 48	26.360	45.3	39.9	64	6	6	Ac	E110												6	3	.065			18-19
19 53	26.370	44.7	39.8	66	6															6					19-20
20 47	26.380	45.2	40.1	65	10															8					20-21
21 47	26.380	43.8	40.2	74	10	3	Ac	120	7	Cs	E250	10								10	1	.020			21-22
22 47	26.400	44.0	40.6	77	10															10					22-23
23 48	26.410	42.4	40.6	87	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 0346		0	0		48	44										
	0346	1	0	0	0	49	44		0								
	0948	2	0	0	0	56	45		0								
	1544	3	.02	0	0	62	45		1								
	2142	4	0	0	0	47	43		1								
	MID.		.01	0	0	44	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.330	26.295	26.380
BAROGRAPH 64	26.290	26.310	26.270	26.360
BAR. CORR. 65	+.020	+.020	+.025	+.020

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	42	.03	0	0	30	E	1403					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1136	1146			
RW-	1442	1520			
RW-	2225	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: 0800P ± 0 Sec./ 2050P ± 0 Sec./ ± Sec.

SP/O
RS/O

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED. U.S. G.P.O. 1983-561-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 25 FEB 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. INITIALS (15)
SA	0047	E40 BKN 100 OVC	20		RW-	079	42	38	34	03		980	11002 1271	HS
SA	0148	40SCT E100 BKN	20			075	42	38	36	05		979	RE10	HS
SA	0250	40SCT E100 BKN	20			080	41	37	01	03		979	"	HS
SA	0353	40 SCT E100 ~~BKN~~ OVC	20			086	42	36	02	03		980	50003 117/41 20006	CRD
/													RADAT 93059	/
SA	0448	40 SCT E100 ~~BKN~~ OVC	20			094	41	37	27	06		982		CRD
SA	0549	E40 BKN 100 OVC	20			099	42	38	27	03		983		CRD
SA	0649	30 SCT E40 BKN	20			099	42	38	03	04		983	RWW SE-W/110 1500	CRD
SA	0747	30 SCT 250 SCT	20			101	43	38	32	05		984		CRD
SP	0841	E25 BKN 350VC	20						25	05		986		CRD
SA	0848	E25BKN 350VC	20			108	45	37	24	05		986	MTNS OBSCD E-SW	CRD
SA	0951	10SCT E25BKN 350VC	20			114	45	37	24	11		988	MTN TPS OBSCD E-S/21S	CRD
/													18// 41	/
SA	1051	10 SCT E25 BKN 35BKN 100 OVC	20			113	46	38	22	08		987		CRD
SP	1138	25 SCT 35 SCT E100BKN	20						23	10		987		CRD
SA	1150	25 SCT 35 SCT E100BKN	20			109	50	33	24	11		987		CRD
SA	1247	25SCT E30BKN	20			102	51	37	25	12		985	808 1800	CRD
SA	1350	30SCT E50BKN 250 BKN	20			089	53	36	23	14		982		CRD
SA	1450	25SCT E35 BKN 250 OVC	20			087	52	33	22	15		981	BINOVC	CRD
SA	1550	25SCT M38 BKN 250 OVC	20			089	52	35	21	15		982	510 1808 54 RADAT 95070	HS
SA	1648	25 SCT 40SCT E250 BKN	20			096	50	34	21	15		983		HS
SA	1748	25 SCT M45 BKN 250 OVC	20			095	50	33	19	08		983		HS
SA	1848	25SCT 45SCT E250 OVC	20			096	52	30	22	07		984	207 1808	HS
SA	1946	45 SCT E250 OVC	20			100	53	29	23	09		986		HS
SA	2045	45 SCT E250 OVC	20			089	52	29	17	06		982		HS
SA	2149	45SCT E250 BKN	20			098	48	32	22	06		984	500 1208 54	HS
SA	2248	140SCT 250 SCT	20			095	45	34	09	04		983		HS
SA	2348	140SCT 250 SCT	20			093	45	34	26	10		983		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 25 FEB 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 47	26.410	41.9	40.2	87	10	7	Cu	E40	3	Ac	100	10								10	1	.030			00-01
01 48	26.400	41.6	39.7	86	6															6					01-02
02 50	26.400	41.1	39.2	86	9															9					02-03
03 53	26.410	42.1	39.2	79	10	2	Cu	40	8	Ac	E100	10								10	5	.000			03-04
04 48	26.430	40.8	39.0	86	10															10					04-05
05 49	26.440	41.6	39.9	87	10															10					05-06
06 49	26.440	41.8	40.0	86	9	3	Sc	30	6	Sc	E40	9								9	1	.030			06-07
07 47	26.450	42.9	40.7	84	3															2					07-08
08 48	26.470	44.6	41.0	75	10															10					08-09
09 51	26.485	45.2	41.4	74	10	3	Cu/Ac	10	4	Sc	E25	7	3	Cu	35	10				10	2	.045			09-10
10 51	26.480	46.2	42.2	73	10															10					10-11
11 50	26.480	50.3	42.0	50	7															7					11-12
12 47	26.460	50.8	44.1	59	8	1	Sc	25	7	Cu	E30	8								8	8	.025			12-13
13 50	26.430	53.2	44.7	52	9															8					13-14
14 50	26.420	51.8	42.8	48	10															9					14-15
15 50	26.430	51.5	43.7	54	10	1	Sc	25	6	Cu	M38	7	3	Cs	250	10				10	5	.030			15-16
16 48	26.440	50.0	42.3	53	9															9					16-17
17 48	26.440	50.0	42.1	52	10															10					17-18
18 48	26.450	52.1	42.0	43	10	2	Sc	25	3	Cu	45	5	5	Cs	E250	10				10	2	.020			18-19
19 46	26.460	52.7	41.9	39	10															10					19-20
20 45	26.430	52.4	42.0	41	10															10					20-21
21 49	26.450	47.6	40.4	54	6	1	Cu	45	5	Cs	E250	6								5	5	.006			21-22
22 48	26.440	45.3	40.1	65	4															4					22-23
23 48	26.440	45.0	39.8	64	4															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 0348	X	.03	0	X	42	41	X	X						X		
	0348	1	.04	0	0	44	41		2								
	0946	2	0	0	0	45	41		1								
	1545	3	0	0	0	54	45		0								
	2144	4	0	0	0	53	48		0								
	MID.	X	.03	0	0	48	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.485	26.430	26.450
BAROGRAPH 64	26.395	26.485	26.420	26.440
BAR. CORR. 65	+.015	0*	+.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 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
54	41	.03	0	0	23	SW	1449					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT'D	0110			

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: 0800 P ± 0 Sec./ 1900 P ± 0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED "0" COR.

0353/APPRX 50004/0600

0353/0353

0448/0448

RS-0/SP-2

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-561-008/1121

MF1-10A
(1-62)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 26 FEB 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. SERVERS INITIALS (15)
SA	0047	50SCT E150 BKN	20			093	44	34	11	05		983	603 1430	HS
SA	0147	50SCT 150 SCT	20			091	43	34	04	03		983		HS
SA	0247	50SCT 150 SCT	20			081	45	34	19	04		980		HS
SA	0350	50 SCT 150 SCT	20			080	47	34	17	07		980	610 1570 43 RADAT 94LOTI 82086	CRD
SA	0450	50SCT 150 SCT	20			079	48	33	24	02		980		CRD
SA	0549	E50BKN 150BKN	20			084	43	34	17	08		990		CRD
SA	0650	E35BKN 150BKN	20			080	47	34	18	10		980	400 1570	CRD
SA	0747	35 SCT E150 BKN 250 BKN	20			082	50	34	20	16 G 23		981		CRD
SA	0848	E35BKN 250BKN	20			089	52	36	20	15 G 28		983		CRD
SA	0952	E35BKN 250BKN	20			096	53	36	22	21 G 28		985	217 1501 43	CRD
SA	1047	E300VC	20			102	55	36	21	20 G 34		986	BINOSC	CRD
SA	1149	E30BKN	20			102	56	36	21	21 G 28		986		CRD
SA	1250	30 SCT	20			086	58	32	22	11 G 25		982	810 1100	CRD
SA	1350	30 SCT	20			079	59	32	24	13 G 23		980		CRD
SA	1451	35 SCT	20			090	59	33	23	18 G 26		983		CRD
SA	1549	40SCT 250 - SCT	20			091	57	34	20	17		984	307 1101 60 RADAT 80073	HS
SA	1647	40SCT 250 - BKN	20			095	57	35	21	10		986		HS
SA	1745	40SCT 250 - BKN	20			101	55	37	19	09		986		HS
SA	1847	250 - OVC	20			105	54	34	19	18		988	FEW CU 310 1102	HS
SA	1946	E250 OVC	20			105	56	33	19	10		988		HS
SA	2048	250 - OVC	20			115	53	33	21	13		991		HS
SA	2150	250 - OVC	20			110	54	33	23	06		990	SC NW 007 1508 60	HS
SA	2249	40SCT E250OVC	20			107	52	37	20	14		989		HS
SA	2350	40SCT 130 SCT E250 OVC	20			101	53	30	16	10 G 19		988		HS

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

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

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, NV

DATE: 26 FEB 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 47	26.440	43.6	39.0	67	6	2	Sc	50	4	Ac	E150	6								6	6	.010			00-01
01 47	26.435	42.7	38.8	72	5															5					01-02
02 47	26.410	44.8	39.8	66	4															4					02-03
03 50	26.410	47.3	41.1	60	5	4	Sc	50	1	Ac	150	5								5	6	.030			03-04
04 50	26.410	47.8	41.0	57	5															5					04-05
05 49	26.410	43.2	38.8	69	7															7					05-06
06 50	26.410	47.2	41.2	61	9	7	Sc	E35	2	Ac	150	9								9	4	.000			06-07
07 47	26.420	50.1	42.5	54	9															9					07-08
08 48	26.440	51.6	44.0	55	9															9					08-09
09 52	26.460	52.5	44.2	52	8	6	Sc	E35	2	Ci	250	8								8	2	.050			09-10
10 47	26.470	54.7	45.3	49	10															9					10-11
11 49	26.470	56.0	45.8	46	9															9					11-12
12 50	26.430	57.9	45.5	38	2	2	Cu	30												2	8	.030			12-13
13 50	26.410	59.2	46.0	35	1															1					13-14
14 51	26.440	59.1	46.3	37	2															2					14-15
15 49	26.450	57.4	46.0	42	5	2	Cu	40	3	Ci	250	5								2	3	.020			15-16
16 47	26.460	57.0	46.2	45	9															4					16-17
17 45	26.465	54.6	45.6	51	9															4					17-18
18 47	26.480	54.2	44.3	46	10	0	Cu	40	10	Ci	250	10								5	3	.030			18-19
19 46	26.485	56.2	45.1	42	10															6					19-20
20 48	26.510	53.2	43.7	47	10															4					20-21
21 50	26.500	54.0	44.1	45	10	0	Sc	40	10	Cs	250	10								5	0	.020			21-22
22 49	26.495	52.1	44.7	57	10															7					22-23
23 50	26.480	53.3	42.6	41	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 0348	X	0	0	X	49	43	X	X						X		
	0848	1	0	0	0	49	43		0								
	0947	2	0	0	0	55	43		0								
	1544	3	0	0	0	60	53		0								
	2145	4	0	0	0	58	53		0								
	MID.	X	0	0	0	54	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.460	26.450	26.500
BAROGRAPH 64	26.410	26.450	26.440	26.485
BAR. CORR. 65	0	+.010	+.010	+.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 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
60	43	0	0	0	35	5	0908					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: 0800 ±0 Sec./ 1900/ ±0 Sec./ ± Sec.

2150/2150

RS-0/SP-0

SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED.

U.S. G.P.O. 1982-561-009/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 27 FEB 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)	OBSERVER'S INITIALS (15)
SA	0049	40SCT E130 BKN 2500VC	20			103	53	30	18	11	G21	989	503 1578	HS
SA	0148	M35 BKN 130 OVC	10		RW-	101	50	39	18	14	G22	988	RB27	HS
SA	0248	M35 BKN 130 OVC	20			094	49	40	19	14		986	RE30	HS
SA	0349	E35 BKN 130 OVC	20			089	52	36	18	15		984	81401 157/ 47 20001	/
													RADAT 95073	JD
SA	0449	M35 BKN 130 OVC	20		RW-	085	52	38	19	14		983	RB03E15B44	JD
SA	0547	E35 BKN 130 OVC	20			089	52	37	20	19	G28	984	RE06	JD
SA	0648	M35 BKN 120 OVC	15		RW-	095	51	39	19	19	G30	985	RB13SDE02B29 30301 157/	JD
SA	0747	M35 BKN 100 OVC	10		RW-	107	49	41	19	19	G30	988	RE08B36	JD
SA	0848	M32 BKN 100 OVC	15		RW-	112	51	39	21	14		990	RE06B44	JD
SA	0949	E35BKN55BKN 90 BKN 200 BKN	20			107	51	41	22	10		988	RE32 01006 1572 47	JD
SA	1047	E35 BKN 55 OVC	10		RW-	109	49	42	20	23	G32	988	RB22	JD
SA	1149	32 SCT 160 SCT 200 -BKN	20			092	53	40	20	24	G35	985	RE03	JD
SA	1250	32 SCT E60BKN 160 BKN 200 OVC	20		RW-	093	51	41	22	21	G32	984	RB10E16B22 PKWND 1944/1954	/
													51404 1572	JD
SA	1349	35 SCT 60 SCT 160 SCT 220 -OVC	20			080	56	40	19	22	G35	981	RE06 PKWND 2232/2054	JD
SA	1450	35 SCT 60 SCT 160 SCT 220 -OVC	20			084	56	39	19	24	G31	982	ACSL SE PKWND 1840/26	JD
SA	1549	30SCT 160 SCT E200 OVC	20			090	55	40	18	24		984	50004 1577 57 RADAT 94680	JK
SA	1651	30 SCT 160 SCT E200 OVC	20			091	54	38	20	22		984	MTN TOPS OBSCD S	JK
SA	1750	30SCT 160 SCT E200 OVC	20			087	54	36	24	14		983	MTN TOPS OBSCD S	JK
SA	1848	30SCT 160 SCT E200 BKN	20			093	53	37	18	22		984	500 1578	JK
SA	1946	30SCT 60SCT E200 BKN	20			097	52	38	18	20		986		JK
SA	2047	30SCT 100SCT E200 BKN	20			097	52	38	19	22		986		JK
SA	2146	30 SCT E100 BKN 200 OVC	20			097	51	39	18	19		986	103 1578 57	JK
SA	2247	30 SCT E100 OVC	20			102	51	40	19	21		987		JK
SA	2345	30 SCT E 90 OVC	20			102	51	37	20	17		987		JK

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, NV

DATE: 27 FEB 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	26.490	53.1	42.5	41	10	1	Sc	40	5	Ac	E130	6	4	Cs	250	10				9	5	.010			00-01
01 48	26.480	50.3	44.7	65	10															10					01-02
02 48	26.460	49.2	44.4	70	10															10					02-03
03 49	26.450	51.8	44.1	55	10	6	Sc	E35	4	Ac	130	10								10	8	.040			03-04
04 49	26.440	51.6	44.9	60	10															10					04-05
05 47	26.445	51.7	44.3	57	10															10					05-06
06 48	26.460	51.0	44.9	63	10	8	Sc	135	2	Ac	120	10								10	3	.010			06-07
07 47	26.490	49.1	45.1	75	10															10					07-08
08 48	26.500	50.6	44.9	65	10															10					08-09
09 49	26.490	51.0	45.7	68	9	6	Sc	E35	1	Ac	55	7	1	Ac	510	8	2	Ci	200	9	0	.030			09-10
10 47	26.490	49.4	45.7	77	10															10					10-11
11 49	26.455	53.2	46.2	60	9															3					11-12
12 50	26.450	51.3	46.1	69	10	4	Sc	32	3	Ac	E60	7	2	Ac	160	9	1	Ci	200	9	5	.040			12-13
13 49	26.420	55.8	47.5	55	10															3					13-14
14 50	26.430	56.1	47.4	53	10															3					14-15
15 49	26.450	55.0	47.0	56	10	4	Sc	30	1	Ac	160	5	5	Cs	E200	10				10	5	.000			15-16
16 51	26.450	54.1	46.1	55	10															10					16-17
17 50	26.440	54.0	45.0	50	10															10					17-18
18 48	26.450	52.9	45.1	55	8	3	Sc	30	1	Ac	160	4	4	Cs	E200	8				6	5	.000			18-19
19 46	26.460	52.2	45.1	59	9															8					19-20
20 47	26.460	52.0	45.0	59	8															6					20-21
21 46	26.460	51.2	45.0	63	10	3	Sc	30	4	Ac	E100	7	3	Cs	200	10				9	1	.010			21-22
22 47	26.470	50.8	45.1	65	10															10					22-23
23 45	26.470	50.9	44.0	59	10															9					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	53	47	X	X						X		
	0345	1	.01	0	0	54	47		1								
	0945	2	.06	0	0	52	48		2								
	1544	3	.04	0	0	57	49		0								
	2143	4	0	0	0	55	51		0								
	MID.	X	0	0	0	51	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.490	26.450	26.460
BAROGRAPH 64	26.440	26.470	26.430	26.450
BAR. CORR. 65	+.010	+.020	+.020	+.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
57	47	.11	0	0	44	5	1154					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0127	0230	6		
RW-	0403	0415			
RW-	0444	0506			
RW-	0550	0602			
RW-	0629	0708			
RW-	0736	0806			
RW-	0844	0932			
RW-	1022	1103			
RW-	1210	1216			
RW-	1222	1306			

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: 0456P ±1 Sec./ 1800P ±1 Sec./ ± Sec.

1047P/1047P

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, NV

DATE: 1983 FEB 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. (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. SERVER'S INITIALS (15)
SA	0048	30 SCT E 90 BKN 200 OVC	20			105	50	36	21	17		988	307 1578	JK
SA	0147	30 SCT 90 SCT	20			101	49	36	20	17		987		JK
SA	0250	30 SCT 90 SCT	20			097	49	34	20	11		986		JK
SA	0349	CLR	20			093	48	33	20	06		984	810 1030 48 20010	/
													RADAT 90L070076086	JD
SA	0449	CLR	20			098	47	32	18	04		985		JD
SA	0548	M37 BKN 90 BKN	20			101	47	34	14	06		986		JD
SA	0647	M35 BKN 250 BKN	20			102	50	35	20	11	G20	987	308 1505	JD
SA	0748	M35 BKN 45 BKN 120 BKN 250 OVC	20			108	51	36	19	11		988		JD
SA	0848	E35 BKN 45 BKN 120 BKN 240 OVC	20			106	54	36	18	08	G20	988		JD
SA	0949	E35 BKN 120 BKN 240 OVC	20			105	55	37	19	12		988	003 1558 45	JD
SA	1048	32 SCT 50 SCT E130 BKN 240 OVC	20			105	58	36	18	16		988		JD
SA	1147	35 SCT 50 SCT 130 SCT 240 OVC	20			109	59	39	22	14		990		JD
SA	1249	E35 BKN 120 BKN 230 OVC	20			104	57	39	21	13		988	000 1538	JD
SA	1348	35 SCT 50 SCT E120 BKN 220 OVC	20			098	58	36	18	16	G26	986		JD
SA	1450	E50 BKN 120 BKN 220 OVC	20			103	57	37	19	17		987		JD
SA	1550	40 SCT E120 BKN 200 OVC	20			104	57	37	21	10		987	602 1578 60 RADAT 93078	JK
SA	1650	40 SCT 120 SCT E200 OVC	20			105	55	39	19	10		987	MTN TOPS OBSCD S	JK
SA	1748	120 SCT E200 OVC	20			105	55	37	20	08		987		JK
SA	1847	E100 BKN 200 OVC	20			105	54	37	21	08		987	400 1578	JK
SA	1950	M55 BKN 100 BKN 200 OVC	20			100	54	39	29	03		986		JK
SA	2049	M55 BKN 100 OVC	20			098	53	39	36	03		986		JK
SA	2146	M55 BKN 100 OVC	20			094	52	39	06	04		985	807 157/ 60	JK
SA	2247	M55 BKN 100 BKN 200 OVC	20			092	55	37	19	08		985		JK
SA	2345	M55 BKN 100 BKN 200 OVC	20			087	56	38	19	10		984		JK

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 $6RRR_{tR}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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, NV

DATE: 1983 FEB 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 48	26.480	50.1	43.2	58	10	1	Sc	30	6	Ac	E90	7	3	CS	200	10				8	3	.020			00-01
01 47	26.470	48.9	42.7	61	4															4					01-02
02 50	26.460	49.0	41.7	55	3															3					02-03
03 49	26.450	47.8	40.8	56	0	0	Ac	90												0	8	.030			03-04
04 49	26.460	47.2	40.3	56	0															0					04-05
05 48	26.470	46.5	40.8	62	7															7					05-06
06 47	26.475	49.9	42.9	57	8	8	Sc	M35	0	Ci	250	8								8	3	.025			06-07
07 48	26.490	51.0	43.8	57	10															9					07-08
08 48	26.490	54.0	45.0	50	10															9					08-09
09 49	26.485	54.8	45.9	51	10	6	Sc	E35	3	Ac	120	9	1	Cs	240	10				10	0	.010			09-10
10 48	26.490	58.1	47.0	44	10															9					10-11
11 47	26.500	58.8	48.6	48	10															5					11-12
12 49	26.485	57.1	47.6	50	10	8	Sc	E35	0	Ac	120	8	2	Cs	230	10				10	0	.000			12-13
13 48	26.470	58.1	47.0	44	10															10					13-14
14 50	26.480	56.9	46.8	47	10															10					14-15
15 50	26.480	57.0	47.0	48	10	5	Sc	40	2	Ac	E120	7	3	CS	200	10				10	6	.005			15-16
16 50	26.480	55.4	47.0	54	10															10					16-17
17 48	26.480	54.9	45.9	51	10															10					17-18
18 47	26.480	54.0	45.4	52	10	0	Sc	40	6	Ac	E100	6	4	CS	200	10				10	4	.000			18-19
19 50	26.470	53.5	46.1	58	10															10					19-20
20 49	26.470	53.1	46.1	59	10															10					20-21
21 46	26.460	52.0	45.6	62	10	6	Sc	M55	4	Ac	100	10								10	8	.020			21-22
22 47	26.460	55.0	46.0	51	10															10					22-23
23 45	26.450	56.3	47.1	51	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	51	48	X	X						X		
	0345	1	0	0	0	51	48		0								
	0945	2	0	0	0	56	45		0								
	1544	3	0	0	0	60	54		0								
	2143	4	0	0	0	57	52		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.485	26.480	26.460
BAROGRAPH 64	26.445	26.485	26.470	26.450
BAR. CORR. 65	+.005	0	+.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
60	45	0	0	0	26	5	1340					10	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: 0457P ±2 Sec./ 1910P ±1 Sec./ ± Sec.

SP/0
RS/0