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: DECEMBER

YEAR: 1987

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: PACIFIC

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KNOTS	PEAK SPEED KNOTS	DIRECTION	SUNSHINE AVG. STATION PRESS (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	R H 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	56	28	42		23					3.4	10	NW	26.69		9		69	39	31	64
2	57	32	45		20					4.9	14	E	26.73		10		72	44	36	57
3	58	34	46		19					7.5	21	SE	26.77		3		76	44	38	69
4	61	37	49		16		0.13			5.5	17	E	26.58		8	RW, R	73	45	40	65
5	50	41	46		19		0.14			4.2	11	E	26.63		10	RW, R	99	96	77	100
6	55	36	46		19					8.1	28	S	26.65		3	F	100	77	66	80
7	59	35	47		18					12.1	33	SW	26.69		3		66	59	18	44
8	53	32	43		22					7.9	18	NE	26.71		7		37	31	32	76
9	57	32	45		20					4.6	12	SE	26.76		6		82	42	46	68
10	59	32	46		19					3.9	10	SW	26.74		1		91	46	42	82
11	60	34	47		18					12.8	38	NE	26.72		3		94	47	33	30
12	43	31	37		28					16.6	31	NE	26.61		0		36	33	17	29
13	40	28	34		31					19.0	41	N	26.53		4		34	26	19	23
14	38	20	29		36					8.5	26	NE	26.73		8		32	25	25	49
15	37	19	28		37					6.1	18	SE	26.67		10		55	26	25	33
16	46	33	40		25		T			7.8	29	E	26.46		10	S	45	44	35	70
17	39	33	36		29		0.35	0.7		8.7	28	E	26.52		10	S, R, F	93	96	93	92
18	51	32	42		23					7.0	17	NE	26.51		0		89	60	48	83
19	45	33	39		26		0.12	0.3		6.8	16	E	26.55		10	S, R, F	96	96	76	74
20	48	30	39		26					7.5	18	NE	26.79		0		57	47	51	89
21	51	27	39		26					3.6	13	W	26.81		4		92	62	65	92
22	51	32	42		23		0.19			4.0	24	NE	26.50		9	R	92	60	68	96
23	39	26	33		32		0.05			10.7	27	NE	26.53		1	R	68	39	33	52
24	35	24	30		35					15.7	33	N	26.57		6		57	45	34	39
25	39	21	30		35					11.8	32	N	26.65		0		38	24	21	39
26	43	21	32		33					6.4	18	E	26.77		0		46	34	32	81
27	45	21	33		32					4.2	13	E	26.81		2		78	42	37	63
28	46	24	35		30					8.0	20	SE	26.74		7		68	46	38	52
29	47	25	36		29		T	T		10.0	31	SW	26.57		3	S, SW	72	41	49	62
30	43	28	36		29					7.6	28	SW	26.72		2		72	64	47	72
31	46	25	36		29					11.0	22	NE	26.87		5		61	45	23	45
SUM	1497	906	—	—	807		0.98	1.0	—	255.9	—	—	826.58	—	154	—	2140	1525	1295	1970
AVG	48.3	29.2	—	—	—	—	—	—	—	8.3	FASTEST	DIRECTION	POSSIBLE	%	5	—	69	49	42	64
										MISC. →	41	N	26.66			—				

TEMPERATURE DATA

AVERAGE MONTHLY 38.8

DEPARTURE FROM NORMAL -5.5

HIGHEST 61 ON 4

LOWEST 19 ON 15

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 22

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 807

DEPARTURE FROM NORMAL 144

SEASONAL TOTAL 1290

DEPARTURE FROM NORMAL 36

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 2084

DEPARTURE FROM NORMAL -28

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.98 IN.

DEPARTURE FROM NORMAL 0.42 IN.

GREATEST IN 24 HRS. 0.35 ON 17

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 1.00 IN.

GREATEST IN 24 HRS. 0.7 ON 17

GREATEST DEPTH ON GROUND — ON —

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) 14

PARTLY CLOUDY (Scale 4-7) 7

CLOUDY (Scale 8-10) 10

WITH 0.01 INCH OR MORE PRECIP. 6

WITH 0.10 INCH OR MORE PRECIP. 5

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = fog
R = rain
RW = rain shower
S = snow
SW = snow shower
T = thunder-storm

MAXIMUM PRECIPITATION

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

HIGHEST STATION 26.940 IN. ON 31

LOWEST STATION 26.340 IN. ON 22

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: DEC. 1, 1987

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	220-SCT	20			194	34	23	00	00		011	810 1001	CH
SA	0150	220-SCT	20			204	32	24	10	05		013		CH
SA	0250	220-SCT	20			200	34	23	00	00		012		CH
SA	0350	220-SCT	20			201	33	24	00	00		012	003 1001 31	CH
SA	0458	CLR	20			204	30	24	36	03		012	RADAT 39096	DC
SA	0553	250-SCT	20			210	30	24	36	05		013		DC
SA	0656	250-OVC	20			211	29	24	34	06		012	5000 1007	DC
SA	0753	250-OVC	20			217	36	25	17	04		015		DC
SA	0855	250-SCT	20			216	41	25	31	05		015		DC
SA	0955	250-OVC	20			211	48	24	32	03		015	110 1007 28	DC
SA	1055	E200 OVC	20			205	50	24	00	00		013		DC
SA	1156	200-OVC	20			193	54	24	21	04		011		DC
SA	1256	160 SCT 200-OVC	20			185	53	24	30	04		008	720 1032	DC
SA	1353	250-OVC	20			184	54	23	31	03		007		DC
SA	1455	250-OVC	20			181	54	23	21	05		007		DC
SA	1550	250-OVC	20			191	53	23	23	06		009	303 1007 56 RADAT 45103	CH
SA	1650	250-OVC	20			184	47	23	17	05		008		CH
SA	1750	250-OVC	20			197	40	25	06	04		008		CH
SA	1850	250-OVC	20			202	40	25	04	04		009	500 1007	CH
SA	1950	250-BKN	20			198	39	25	06	07		009		CH
SA	2050	250-BKN	20			200	37	25	00	00		011		CH
SA	2150	250-BKN	20			196	36	25	34	04		011	103 1008 56	CH
SA	2250	250-BKN	20			199	36	25	06	04		012		CH
SA	2350	250-BKN	20			197	35	25	00	00		012		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 1, 1987

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	26.690			64	2	2	CI	220												0	8	.030			00-01
01 50	26.710			72	4															0					01-02
02 50	26.700			64	4															1					02-03
03 50	26.700			69	4	4	CI	220												1	0	.010			03-04
04 58	26.695			78	0															0					04-05
05 53	26.705			78	2															0					05-06
06 56	26.700			81	10	10	CS	250												1	5	.000			06-07
07 53	26.730			64	10															1					07-08
08 55	26.730			53	4															0					08-09
09 55	26.730			39	10	10	CS	250												3	1	.030			09-10
10 55	26.710			36	10															10					10-11
11 56	26.690			31	10															4					11-12
12 56	26.670			32	10	1	AC	160	10	CI	200	10								5	7	.060			12-13
13 53	26.660			30	10															1					13-14
14 55	26.660			30	10															3					14-15
15 50	26.680			31	10	10	CS	250												2	3	.010			15-16
16 50	26.670			39	10															2					16-17
17 50	26.670			55	10															2					17-18
18 50	26.680			55	10	10	CS	250												1	5	.000			18-19
19 50	26.680			57	8															1					19-20
20 50	26.690			62	9															3					20-21
21 50	26.690			64	8	8	CS	250												2	1	.010			21-22
22 50	26.700			64	8															2					22-23
23 50	26.700			67	8															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 0348	X	0	0	X	36	31	X	X						X		
	0348	1	0	0	0	36	31		0								
	0949	2	0	0	0	48	28		0								
	1548	3	0	0	0	56	48		0								
	2148	4	0	0	0	53	36		0								
	MID.	X	0	0	0	38	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.730	26.680	26.690
BAROGRAPH 64	26.700	26.730	26.670	26.680
BAR. CORR. 65	± 0	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 UNHLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	28	0	0	0	10	NW	2130					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0637 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1 0610P/ 1600P /

0656 / APP 500 / 0830 12/9/87

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 2, 1987

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)	PRESSURE TENDENCY (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. WITNESSED (15)
SA	0050	250-BKN	20			194	34	25	05	05		011	000 1008	CH
SA	0150	250-BKN	20			197	33	25	00	00		012		CH
SA	0250	250-BKN	20			194	34	25	35	04		011		CH
SA	0354	250-OVC	20			191	33	25	00	00		009	803 1007 32	DC
													RADAT 41127	
SA	0456	250-OVC	20			198	33	26	03	07		011		DC
SA	0555	250-OVC	20			210	34	25	32	04		013		DC
SA	0656	250-OVC	20			216	34	26	01	04		015	215 1007	DC
SA	0756	E250 OVC	20			220	39	27	27	03		016		DC
SA	0857	E250 OVC	20			220	45	27	00	00		017		DC
SA	0955	160 SCT E250 OVC	20			220	48	27	10	10		017	108 1077 32	DC
SA	1054	E250 OVC	20			220	50	27	35	04		018	FEW AC	DC
SA	1153	E250 OVC	20			212	53	27	25	04		016	FEW AC	DC
SA	1253	160 SCT 250-BKN	20			202	55	27	24	06		014	812 1071	DC
SA	1355	E250 OVC	20			199	57	28	15	05		013	FEW AC	DC
SA	1458	E250 OVC	20			200	54	27	14	06		013		DC
SA	1552	E250 BKN	20			201	54	28	13	11		013	~~502~~ 502 1008 57	JS
													RADAT 42135	
SA	1651	E250 BKN	20			208	51	28	12	08		014		JS
SA	1753	E250 BKN	20			214	48	29	12	08		016		JS
SA	1850	250-BKN	20			219	46	28	08	06		017	[illegible] 1006	JS
SA	1950	250-OVC	20			226	43	30	00	00		019		JS
SA	2054	250-SCT	20			227	43	30	15	06		020		JS
SA	2153	250-SCT	20			230	44	30	10	10		022	115 1008 57	JS
SA	2251	250 SCT	20			232	40	30	32	03		023		JS
SA	2350	CLR	20			230	37	30	03	04		022		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-006/6080

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 21, 1987

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	26.690			70	7	7	CS	250												2	0	.000			00-01
01 50	26.700			72	7															2					01-02
02 50	26.690			70	7															2					02-03
03 54	26.680			72	10	10	CS	250												3	8	.010			03-04
04 56	26.690			75	10															3					04-05
05 55	26.710			69	10															3					05-06
06 56	26.725			72	10	10	CS	250												4	2	.045			06-07
07 56	26.740			62	10															6					07-08
08 57	26.750			49	10															9					08-09
09 55	26.750			44	10	1	AC	160	10	CS	E250	10								10	1	.025			09-10
10 54	26.755			41	10															8					10-11
11 53	26.740			36	10															8					11-12
12 53	26.715			34	9	1	AC	160	9	CI	250	9								4	8	.035			12-13
13 55	26.705			33	10															6					13-14
14 58	26.710			35	10															8					14-15
15 52	26.710			36	9	9	CS	E250												8	5	.005			15-16
16 51	26.720			42	9															8					16-17
17 53	26.735			47	8															8					17-18
18 50	26.745			49	7	7	CS	250												3	2	.035			18-19
19 50	26.765			61	10															3					19-20
20 54	26.780			60	3															1					20-21
21 55	26.790			57	3	3	CS	250												1	1	.045			21-22
22 51	26.795			67	1															1					22-23
23 50	26.790			77	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 0348	X	0	0	X	35	32	X	X						X		
	0348	1	0	0	0	38	32		0								
	0949	2	0	0	0	49	32		0								
	1549	3	0	0	0	57	48		0								
	2150	4	0	0	0	54	41		0								
	MID.	X	0	0	0	45	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.750	26.710	26.790
BAROGRAPH 64	26.680	26.745	26.705	26.780
BAR. CORR. 65	0	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
57	32	0	0	0	14	E	0948					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 0638 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: / 1000P / 1800P /

1552 / 1552

MF1-10B (4-86) SUPERSEDES MF1-10B (1-62 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBAN, DESERT ROCK, NV

DATE: DEC 30 1987

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 (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0038	CLR	20			234	36	30	34	05		023	102	JS
SA	0150	CLR	20			234	35	30	05	05		023		JS
SA	0250	CLR	20			236	36	31	04	06		024		JS
SA	0351	CLR	20			233	37	30	04	03		023	012 34 RADAT 20138	CRD
SA	0450	CLR	20			235	35	30	05	05		024		CRD
SA	0553	CLR	20			241	36	30	36	04		024		CRD
SA	0652	250 - SCT	20			248	35	30	03	06		025	207 1031	CRD
SA	0750	250 - SCT	20			245	43	31	29	03		025		CRD
SA	0853	250 - SCT	20			246	49	31	28	03		026		CRD
SA	0952	250 - BKN	20			242	51	30	05	05		026	103 1001 24	CRD
SA	1056	250 - BKN	20			235	54	30	13	12		024		CRD
SA	1150	250 - SCT	20			225	56	30	14	10		020		CRD
SA	1250	250 - SCT	20			213	58	31	14	13	G19	017	727 1001	CRD
SA	1353	250 - SCT	20			206	58	31	14	11	G18	015		CRD
SA	1450	250 - SCT	20			200	58	31	13	14	G17	014		CRD
SA	1552	250 - BKN	20			196	57	31	11	14		013	714 1001 58 RADAT 43133	JS
SA	1651	250 - BKN	20			205	52	32	13	12		014		JS
SA	1750	250 - BKN	20			206	50	32	11	09		014		JS
SA	1851	250 SCT	20			211	49	32	07	10		015	207 1008	JS
SA	1952	250 SCT	20			209	44	32	05	06		015		JS
SA	2051	E 250 OVC	20			206	43	32	06	05		015		JS
SA	2153	160 SCT E250 BKN	20			201	42	32	33	08		014	803 1038 57	JS
SA	2258	160 SCT E 250 OVC	20			200	41	32	07	04		014		JS
SA	2351	250 - OVC	20			191	41	33	09	06		012		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

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

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 03 1987

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 58	26.745			79	0															0	7	.005			00-01
01 50	26.800			83	0															0					01-02
02 50	26.805			80	0															0					02-03
03 51	26.800			76	0															0					03-04
04 50	26.805			82	0															0	0	.015			04-05
05 53	26.810			79	0															0					05-06
06 52	26.820			82	2	0	AC	160	2	CI	250	2								0	2	.020			06-07
07 50	26.820			62	1															0					07-08
08 53	26.830			50	1															0					08-09
09 52	26.830			44	6	6	CI	250												1	1	.010			09-10
10 50	26.810			40	6															1					10-11
11 50	26.780			37	2															0					11-12
12 50	26.750			36	1	1	CI	250												0	7	.080			12-13
13 53	26.730			36	1															0					13-14
14 50	26.720			36	2															1					14-15
15 52	26.710			38	7	7	CI	250												3	7	.040			15-16
16 51	26.720			46	8															3					16-17
17 50	26.715			50	8															4					17-18
18 51	26.730			52	3	3	CS	250												2	2	.020			18-19
19 52	26.730			62	4															3					19-20
20 51	26.730			67	10															7					20-21
21 53	26.720			69	8	2	AC	160	6	CS	250	8								6	8	.010			21-22
22 53	26.720			70	10															8					22-23
23 51	26.700			71	10															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 PM 1346	X	0	0	X	54	34	X	X						X		
	0346	1	0	0	0	45	34		0								
	0946	2	0	0	0	51	34		0								
	1548	3	0	0	0	58	51		0								
	2150	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	1300	0700	1900	MIDN
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.730	26.710	26.720
BAROGRAPH 64	26.800	26.730	26.725	26.720
BAR. CORR. 65	0	0	-.015	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 UNREL 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	34	0	0	0	21	SE	1324					3	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 0639 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 1090P / 1740P /

2153/MAX TEMP 58/12/4/87 1300P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 04 1987

TO CONVERT EST TO GMT: ADD 5 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) (4)		WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW (8)	WIND (9)			ALTIMETER SET. (10)	REMARKS AND SUPPLEMENTAL WEATHER DATA (11)	
SA	0050	250 - OVC	20			186	41	33	08	09		011	810 1007	JS
SA	0154	160 SCT 250 SCT	20			179	41	32	02	08		008		JS
SA	0250	250 - OVC	20			178	43	32	00	00		008		JS
SA	0355	250 - OVC	20			173	46	32	07	03		006	814 1007 39 [illegible]	JW
SA	0452	250 - OVC	20			176	46	33	06	05		006		CAD
SA	0550	250 - OVC	20			178	46	32	02	03		006		CAD
SA	1652	160 SCT 250 - OVC	20			179	39	33	31	06		006	400 1077	CAD
SA	0750	160 SCT 250 - OVC	20			179	44	34	26	05		006		CAD
SA	0850	160 SCT E250 OVC	20			172	50	32	11	07		005		CAD
SA	0950	160 SCT E250 OVC	20			164	54	33	12	07		004	308 1077 37	CAD
SA	1053	100 SCT 160 SCT E250 OVC	20			157	56	33	13	08		002		JW
SA	1150	100 SCT 160 SCT E250 OVC	20			143	58	33	14	04		999		CAD
SA	1257	E100 BKN 160 BKN 250 OVC	20			139	56	34	15	10		996	7[illegible] 1577	JW
SA	1350	E100 BKN 250 BKN	20		RW-	134	57	33	07	07		990	RB 20	CAD
SA	1450	160 SCT 250 SCT	20			120	60	33	34	05		99[illegible]	RE[illegible]2	CAD
SA	1550	90 SCT 250 SCT	20			115	58	33	13	04		990	72000 1508 [illegible] RAGAT 83099	JS
SA	1650	90 SCT 250 SCT	20			115	52	33	10	09		988		JS
SA	1751	90 SCT E250 OVC	20			114	49	33	11	09		988		JS
SA	1850	90 SCT E250 BKN	20			120	45	34	06	06		993	[illegible]	JS
SA	1955	90 SCT E250 OVC	20			110	47	34	12	03		987		JS
SA	2052	90 SCT E250 BKN	20			104	48	34	29	03		986		JS
SA	2151	M50 OVC	20			112	46	35	12	04		989	302 1511 [illegible]	JS
SA	2252	M38 OVC	10		R-	119	45	42	30	07		992	RAE[illegible]	JS
SA	2354	22 SCT M30 OVC	7		R-	132	44	44	00	00		995		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO: 1984-0-764-006/0085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 04 1987

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	26.690			71	10	10	CS	250												4	8	.030			00-01
01 54	26.670			72	4															3					01-02
02 50	26.670			64	10															4					02-03
03 55	26.650			73	10	10	CS	250												5	8	.040			03-04
04 52	26.620			76	10															4					04-05
05 50	26.620			73	10															5					05-06
06 52	26.620			79	10	3	Ac	160	7	CS	250	10								5	4	[illegible]			06-07
07 50	26.620			68	10															5					07-08
08 50	26.610			50	10															6					08-09
09 50	26.600			45	10	3	Ac	160	7	CS	E250	10								6	8	[illegible]			09-10
10 53	26.610			42	10															6					10-11
11 50	26.575			39	10																				11-12
12 57	26.560			43	10	6	Sc	E100	1	Ac	160	7	3	CS	250	10				7	7	.035			12-13
13 50	26.550			44	9															7					13-14
14 50	26.520			36	3															2					14-15
15 50	26.500			40	2	1	Sc	90	1	CS	250	2								2	7	.060			15-16
16 50	26.460			49	2															2					16-17
17 51	26.485			54	10															6					17-18
18 50	26.490			64	8	2	Sc	90	6	CS	E250	8								6	5	[illegible]			18-19
19 55	26.425			61	10															10					19-20
20 52	26.470			59	8															6					20-21
21 51	26.470			65	10	10	[illegible]	[illegible]												10	[illegible]	[illegible]			21-22
22 50	26.515			88	10															10					22-23
23 54	26.550			100	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 0350	X	0	0	X	46	39	X	X						X		
	0350	1	0	0	0	46	39		0								
	0947	2	0	0	0	54	37		0								
	1548	3	T	0	0	61	54		0								
	2148	4	0	0	0	61	45		0								
	MID.	X	.13	0	0	46	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0947	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.[illegible]	26.[illegible]	26.500	26.[illegible]
BAROGRAPH 64	26.[illegible]	26.[illegible]	26.500	26.[illegible]
BAR. CORR. 65	[illegible]	[illegible]	0	[illegible]

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	37	.13	0	0	17	E	0827					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
MW-	[illegible]	[illegible]			
RW-	2210	2230			
R-	2250	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0640 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 1200Z / 1400 L

LU LAST OF Several Occurrences

☆ U.S. Government Printing Office: 1986 -654-383

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 05 1987

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ___ hrs

SURFACE WEATHER OBSERVATIONS

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 HARD ACCEPT (11)	ALTIMETER SETTING (Hrs) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATIONS (15)
SP	0012	8 SCT M23 OVC	7		R-				10	05		995		JS
RS	0053	20 SCT M35 OVC	10		R-	118	44	43	09	07		991	00525 15//	JS
SA	0150	M45 OVC	20			122	43	42	01	07		992	RE15	JS
SA	0252	M41 OVC	20			125	44	43	22	04		994		JS
SA	0357	M32 OVC	20		RW-	131	43	43	15	04		995	RB30/21227 15// 42	CRD
													20027 [illegible]	
SA	0455	M45 OVC	20			139	43	43	30	03		996	RE91	CRD
SA	0550	14 SCT M38 OVC	20			151	43	43	02	03		000		CRD
SA	0650	14 SCT M38 OVC	20			150	43	43	12	05		000	21500 ~~15// 1500~~ 15//	CRD
SA	0750	16 SCT E40 OVC	20			165	44	44	27	04		003	~~FOG~~ FBNK N	CRD
SA	0805	M15 BKN 40 OVC	20						33	03		003	FBNK N	CRD
SA	0850	M15 BKN 40 OVC	20			171	45	44	33	03		005		CRD
SA	0950	12 SCT M15 BKN 38 OVC	20			181	46	45	26	06		007	22400 15// 42	CRD
SA	1052	12 SCT M32 OVC	20			174	48	45	21	07		006		CRD
SA	1150	12 SCT M30 OVC	20			172	49	44	29	06		005		CRD
SA	1250	15 SCT 30 SCT E120 OVC	20			162	50	43	35	05		003	714 [illegible]	CRD
SA	1351	15 SCT 30 SCT E120 OVC	20			169	50	42	30	05		004		CRD
SP	1431	15 SCT M25 BKN 80 OVC	20						32	03		005		CRD
RS	1450	15 SCT M30 BKN 80 OVC	20			169	50	42	23	07		005		CRD
SA	1554	15 SCT M35 BKN 120 BKN	20			176	50	42	00	00		007	212 [illegible]	JS
													RA dAT 95L069015 113	
SA	1652	35 SCT 100 SCT	20			180	49	43	34	05		007		JS
SA	1750	35 SCT	20			185	45	43	11	03		008		JS
SA	1850	M35 BKN	20			191	45	43	04	04		010	310 [illegible]	JS
SA	1952	38 SCT	20			198	44	43	00	00		012		JS
SA	2050	35 SCT	20			200	43	43	13	04		013		JS
SA	2154	M35 ~~SCT~~ 120 BKN	20			205	42	42	11	03		014	212 1570 50	JS
		BKN												
SA	2250	M35 OVC	20			206	43	43	00	00		015		JS
SA	2354	35 SCT	20			200	43	43	12	05		013		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 0 ? 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.510			94	10	2	Sc	20	8	Sc	M35	10								10	0	.015			00-01
01 50	26.520			98	10															10					01-02
02 52	26.535			97	10															10					02-03
03 57	26.545			97	10	10	Sc	M32												10	2	.030			03-04
04 55	26.560			99	10															10					04-05
05 50	26.585			100	10															10					05-06
06 50	26.590			99	10	4	Sc	14	6	Sc	M38	10								10	2	.045			06-07
07 50	26.620			99	10															10					07-08
08 50	26.640			96	10															10					08-09
09 50	26.660			96	10	2	CuFRA	12	6	Sc	M15	8	2	Sc	38	10				10	2	.075			09-10
10 52	26.650			84	10															10					10-11
11 50	26.640			86	10															10					11-12
12 50	26.620			77	10	1	Sc	15	3	Sc	30	4	6	Ac	E120	10				10	7	.040			12-13
13 51	26.630			74	10															10					13-14
14 50	26.640			74	10															10					14-15
15 54	26.655			77	9	1	Sc	15	7	Sc	M35	8	1	Ac	120	9				9	2	.035			15-16
16 52	26.660			81	4															4					16-17
17 50	26.670			94	4															4					17-18
18 50	26.685			94	9	9	Sc	M35												9	3	.030			18-19
19 52	26.700			97	4															4					19-20
20 50	26.705			100	3															3					20-21
21 54	26.720			100	9	6	Sc	M35	3	Ac	100	9								9	2	[illegible]			21-22
22 50	26.725			100	10															10					22-23
23 54	26.710			100	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 0348	X	.14	0	X	45	42	X	X						X		
	0348	1	.27	0	0	46	42		2								
	0946	2	T	0	0	47	43		1								
	1550	3	0	0	0	50	46		1								
	2150	4	0	0	0	50	41		1								
	MID.	X	0	0	0	44	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1554	2154
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.45	[illegible]	26.655	26.720
BAROGRAPH 64	26.35	[illegible]	26.65	26.71
BAR. CORR. 65	[illegible]	[illegible]	[illegible]	[illegible]

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
50	41	.14	0	0	11	E	0030					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT.	0115			
RW-	0330	[illegible]			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 1080P / 1823P /

0650/0650

0750/0750

0805/0805

BAROGRAPH CHART OFF 660 3 cal.

2154/2154

1052/SA TO RS/0800-6

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office. 1986—654 383

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 06 1987

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

SURFACE WEATHER OBSERVATIONS

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 (100-360) (9)	WIND SPEED (Kts.) (10)	WIND GUSHES (Kts.) (11)	ALTIMETER SETTING (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATION NOTES (15)
SA	0053	35 SCT	20			200	40	40	11	04		013	603 1500	JS
SA	0152	35 SCT	20			202	40	39	00	00		014		JS
SA	0250	35 SCT	5		F	198	40	40	09	04		013		JS
SA	0355	35 SCT	10			201	38	38	09	04		013	500 1500 38	[illegible]
SA	0455	CLR	10			195	36	36	32	04		011	FEW SC RADAT 33139	[illegible]
RS SA	0556	M26 BKN	10			208	38	38	30	07		014		[illegible]
SA	0654	M28 BKN	10			204	40	40	04	06		013	F ~~LAR~~ LYR SE/5 1500 1500	[illegible]
SA	0750	M26 BKN	10			211	41	40	34	03		015		[illegible]
RS	0853	26 SCT	10			216	47	43	11	05		017		[illegible]
SA	0952	26 SCT	20			214	50	43	17	03		017	114 1500 36	[illegible]
SA	1056	25 SCT	20			205	52	42	14	10	G17	015		[illegible]
SA	1152	25 SCT	20			189	53	42	12	14		011		[illegible]
SA	1253	25 SCT	20			181	54	41	11	12		008	727 1500	[illegible]
SA	1354	30 SCT	20			174	55	41	13	13		006		[illegible]
SA	1450	CLR	20			166	55	40	12	12		004	FEW SC	[illegible]
SA	1553	CLR	20			170	53	42	13	10		004	614 1500 55 RADAT 30122	EP
SA	1650	CLR	20			169	49	43	13	12		003		EP
SA	1750	CLR	20			172	48	43	12	06		004		EP
SA	1853	CLR	20			176	45	43	33	09		005	303 1500	EP
SA	1951	M39 BKN	20			175	46	42	02	05		005		EP
SA	2051	39 SCT	20			163	46	41	09	09		003		EP
SA	2153	CLR	20			157	47	41	11	13		002	810 1500 55	EP
SA	2255	35 SCT	20			163	49	41	18	15	G23	004		EP
SA	2353	35 SCT	20			152	55	43	20	14		002		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_h C_L C_M C_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO 1984 C 764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 06 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.710			100	3	3	Sc	35												3	6	.010			00-01
01 52	26.715			99	3															3					01-02
02 50	26.705			100	1															1					02-03
03 55	26.710			100	1	1	Sc	35												1	5	.000			03-04
04 55	26.690			100	0															0					04-05
05 56	26.720			100	6															6					05-06
06 54	26.710			100	7	7	Sc	M28												7	0	.000			06-07
07 50	26.730			96	7															7					07-08
08 53	26.750			86	1															1					08-09
09 52	26.750			77	3	3	Sc	26												3	1	.040			09-10
10 56	26.730			69	3															3					10-11
11 52	26.690			66	2															2					11-12
12 53	26.670			61	2	2	Sc	25												2	7	.000			12-13
13 54	26.650			59	2															2					13-14
14 50	26.630			57	0															0					14-15
15 53	26.630			66	0	0	Sc	30												0	6	.040			15-16
16 50	26.620			80	0															0					16-17
17 50	26.630			83	0															0					17-18
18 53	26.640			93	0	0	Sc	30												0	3	.010			18-19
19 51	26.640			86	7															7					19-20
20 51	26.620			83	1															1					20-21
21 53	26.610			80	0	0	Sc	35												0	8	.030			21-22
22 55	26.630			74	5															5					22-23
23 53	26.610			64	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	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	43	38	X	X						X		
	0350	1	0	0	0	44	38		1								
	0948	2	0	0	0	51	36		1								
	1549	3	0	0	0	55	49		0								
	2149	4	0	0	0	53	45		0								
	MID.	X	0	0	0	55	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.750	26.630	26.610
BAROGRAPH 64	26.680	26.725	26.610	26.590
BAR. CORR. 65	+.030	+.025	+.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
55	36	0	0	0	28	S	2258					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
F	0220	0330			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 10804 / 12025 /

0654/0654

0556/SA TO RS / 0800

0654/APP. S00 / 1030 12/9/87

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-385

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 07 1987

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	35 SCT	20			146	55	45	22	21	G33	001	803 1500	EP
SA	0151	35 SCT	20			146	55	44	21	18	G26	001		EP
SA	0250	35 SCT	20			147	53	45	20	18	G31	001		EP
SA	0350	35 SCT	20			145	53	42	20	23	G32	000	803 1500 45 RADAT 62085	[illegible]
SA	0450	35 SCT	20			148	53	40	20	22	G29	000		[illegible]
SA	0550	38 SCT	20			160	51	40	24	13	G19	003		[illegible]
SA	0650	M41 BKN	20			170	50	41	25	12		005	317 1400	[illegible]
SA	0750	45 SCT	20			170	50	40	24	13	G20	005		[illegible]
SA	0851	45 SCT	20			180	52	38	23	16	G22	008	TCU NE RWU NW	[illegible]
SA	0951	45 SCT	20			190	52	38	25	15	G20	012	TCU RWU NW-NE/320	[illegible]
—	—												1200 45	—
SA	1050	E45 BKN	20			185	54	39	23	09		011	TCU NE-SE	[illegible]
SP	1053	E45 BKN	20						30	06		011	TCU NE-SE WSHFT 52	[illegible]
SA	1150	45 SCT	20			178	55	35	02	06		009	WSHFT 1852	[illegible]
SA	1250	45 SCT	20			177	55	32	21	06		009	607 1100	[illegible]
SA	1351	CLR	20			175	58	17	34	12	G19	009	FEW SC	[illegible]
SA	1450	CLR	20			176	58	14	33	10		009	FEW SC	[illegible]
SA	1553	CLR	20			177	56	13	32	07		009	400 1101 59 RADAT 26078	EP
SA	1650	CLR	20			200	51	13	01	10		015		EP
SA	1751	CLR	20			210	47	15	05	10		017		EP
SA	1853	CLR	20			222	42	19	36	05		019	130	EP
SA	1950	CLR	20			231	41	20	05	06		022		EP
SA	2053	CLR	20			225	41	19	06	06		020		EP
SA	2153	CLR	20			227	39	19	03	10		020	003 59	EP
SA	2251	CLR	20			227	40	17	31	04		022		EP
SA	2351	250-OVC	20			229	37	21	03	08		022		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO 1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 07 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.600			69	2	2	SC	35												2	8	.010			00-01
01 51	26.600			67	1															1					01-02
02 50	26.600			74	1															1					02-03
03 50	26.590			66	1	1	SC	35												1	8	.010			03-04
04 50	26.590			61	1															1					04-05
05 50	26.620			66	2															2					05-06
06 50	26.640			71	7	7	SC	M41												7	3	.050			06-07
07 50	26.640			69	3															3					07-08
08 51	26.670			59	3															3					08-09
09 54	26.700			59	3	3	TCU	45												3	3	.060			09-10
10 50	26.690			57	6															6					10-11
11 50	26.680			47	3															3					11-12
12 50	26.680			42	3	3	CU	45												3	6	.020			12-13
13 51	26.680			20	0															0					13-14
14 50	26.680			18	0															0					14-15
15 53	26.680			18	0	0	CU	45	0	CI	200	0								0	4	.000			15-16
16 50	26.730			22	0															0					16-17
17 51	26.750			27	0															0					17-18
18 53	26.770			39	0															0	1	.090			18-19
19 50	26.790			43	0															0					19-20
20 53	26.780			41	0															0					20-21
21 53	26.780			44	0															0	0	.010			21-22
22 51	26.790			39	0															0					22-23
23 51	26.790			52	10															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	56	52	X	X						X		
	0345	1	0	0	0	56	46		0								
	0949	2	0	0	0	53	50		0								
	1549	3	0	0	0	59	51		0								
	2150	4	0	0	0	56	39		0								
	MID.	X	0	0	0	41	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0954	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.700	26.680	26.780
BAROGRAPH 64	26.560	26.660	26.655	26.750
BAR. CORR. 65	+.030	+.040	+.025	+.030

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
59	35	0	0	0	33	SW	0049					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 0642 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 1 0555 / 2045 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 08 1987

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 (4m)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB REMARKS (14)
SA	0053	E250 OVC	20			222	43	15	05	13		020	000 1007	EP
SA	0150	E250 OVC	20			221	41	16	04	07		020		EP
SA	0253	100 SCT E 220 OVC	20			221	41	16	06	06		020		EP
SA	0356	130 SCT 230 SCT	20			216	40	16	05	09		018	807 1058 35 RADAT 20083	EP
SA	0456	CLR	20			219	38	15	05	07		018	FEW CI	EP
SA	0555	140 SCT 230 SCT	20			220	35	18	06	07		017		EP
SA	0652	140 SCT 250-OVC	20			228	34	19	04	03		018	500 1057	EP
SA	0751	140 SCT E250 OVC	20			235	35	22	01	04		020		EP
SA	0850	140 SCT E250 OVC	20			228	40	21	00	00		019	ARSL SE	EP
SA	0954	E200 BKN 250 OVC	20			219	46	17	12	10		017	ARSL SE/803 1047 32	EP
SA	1053	250 SCT	20			205	48	17	13	13		014		EP
SA	1153	CLR	20			194	50	17	15	11		011	FEW CS	EP
SA	1255	230 SCT	20			174	51	18	12	12		006	734 1078	EP
SA	1351	E 230 BKN	20			176	51	19	12	11		006		EP
SA	1450	E 180 BKN 230 OVC	20			168	51	18	13	06		004	BINOVC	EP
SA	1556	100 SCT 180 SCT E230 ~~OVC~~ BKN	20			174	50	21	13	12		005	503 1511 53	EP
SA	1650	230-SCT	20			176	47	24	10	10		005	RADAT 42073	EP
SA	1752	CLR	20			185	43	26	10	08		006		EP
SA	1851	CLR	20			185	43	26	12	08		007	307 1001	EP
SA	1953	230-SCT	20			194	40	27	09	06		008		EP
SA	2055	CLR	20			206	39	27	31	04		013		EP
SA	2156	CLR	20			205	35	28	02	03		013	117 1001 53	EP
SA	2250	CLR	20			204	35	28	09	04		013		EP
SA	2351	CLR	20			208	34	28	07	04		014		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO 1984-0-764-006/6095

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 08 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.780			32	10	10	CS	E250												8	0	.000			00-01
01 50	26.780			36	10															6					01-02
02 53	26.780			36	10															9					02-03
03 56	26.760			37	2	1	AC	130	1	CS	230	2								2	8	.020			03-04
04 56	26.760			39	0															0					04-05
05 55	26.750			50	3															3					05-06
06 52	26.760			54	10	1	AC	140	10	CS	250	10								2	5	.000			06-07
07 51	26.780			59	10															6					07-08
08 50	26.770			46	10															8					08-09
09 54	26.750			31	10	0	ACSL	140	6	CS	E200	6	6	CS	250	10				8	8	.010			09-10
10 53	26.720			29	2															2					10-11
11 53	26.690			27	0															0					11-12
12 55	26.650			27	1	0	AC	140	1	CS	230	1								1	7	.100			12-13
13 51	26.650			28	7															5					13-14
14 50	26.630			27	10															9					14-15
15 56	26.640			32	8	1	SC	100	3	AS	180	4	4	CI	E230	8				5	5	.010			15-16
16 50	26.640			40	1															0					16-17
17 52	26.650			51	0															0					17-18
18 51	26.660			51	0	0	CI	230												0	3	.020			18-19
19 53	26.670			60	2															0					19-20
20 55	26.710			62	0															0					20-21
21 56	26.710			76	0	0	CI	230												0	1	.050			21-22
22 50	26.710			76	0															0					22-23
23 51	26.720			79	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 0350	X	0	0	X	43	35	X	X						X		
	0350	1	0	0	0	43	35		0								
	0950	2	0	0	0	46	32		0								
	1551	3	0	0	0	53	45		0								
	2152	4	0	0	0	50	35		0								
	MID.	X	0	0	0	39	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0954	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.750	26.640	26.710
BAROGRAPH 64	26.730	26.735	26.600	26.690
BAR. CORR. 65	+.030	+.015	+.040	+.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
53	32	0	0	0	18	NE	0018					7	4		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0643 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 1 0614 / 2110 /

1556/1556

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 09 1987

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			213	36	28	12	06		016	310 1001	EP
SA	0153	CLR	20			215	34	28	01	05		016		EP
SA	0255	CLR	20			219	33	27	12	04		017		EP
SA	0352	CLR	20			218	33	28	34	07		017	002 1001 32 RADAT 55105	[illegible]
SA	0450	230-SCT	20			224	34	28	11	05		018		[illegible]
SA	0551	230-OVC	20			236	33	28	33	03		020		[illegible]
SA	0655	E230 OVC	20			242	34	29	01	06		023	219 1007	[illegible]
SA	0750	E230 OVC	20			248	35	29	29	03		024	FEW AC N	[illegible]
SA	0854	E230 OVC	20			254	45	29	25	03		027	FEW AC	[illegible]
SA	0953	E230 OVC	20			254	49	27	15	04		027	114 1077 32	[illegible]
SA	1053	E230 OVC	20			245	50	26	13	07		025	FEW AC	[illegible]
SA	1153	E230 OVC	20			236	53	26	31	03		023	FEW AC	[illegible]
SA	1256	E230 OVC	20			231	55	27	00	00		022	617 1007	[illegible]
SA	1358	E230 OVC	20			228	56	27	32	04		020		[illegible]
SA	1452	E230 OVC	20			227	56	27	04	03		020		[illegible]
SA	1552	E 300 OVC	20			230	52	32	21	05		020	603 1007 57	[illegible]
													RADAT 22127	
SA	1650	300-BKN	20			239	48	33	25	03		023		[illegible]
SA	15 1754	300-SCT	20			246	43	34	06	08		024		[illegible]
SA	1855	CLR	20			250	44	27	09	04		025	214 1001	[illegible]
SA	1952	CLR	20			258	42	32	02	04		027	FEW CI SE	[illegible]
SA	2052	300-SCT	20			252	41	31	13	05		027		[illegible]
SA	2153	300-BKN	20			250	40	31	09	08		027	107 1001 57	[illegible]
SA	2253	300 SCT	20			250	37	31	00	00		027		[illegible]
SA	2350	CLR	20			250	37	32	35	04		027	FEW CI OVHD	[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

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

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 09 1987

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	SUM. MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM. MATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	PRES. CHANGE (Ins.) 38	SUN SHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.740			73	0	0	CI	230												0	3	.030			00-01
01 53	26.740			79	0															0					01-02
02 55	26.750			79	0															0					02-03
03 52	26.745			82	0	0	CI	230												0	0	.005			03-04
04 50	26.760			79	3															0					04-05
05 51	26.760			82	10															2					05-06
06 55	26.800			82	10	10	CS	E230												7	2	.055			06-07
07 50	26.810			79	10															7					07-08
08 54	26.840			53	10															6					08-09
09 53	26.840			42	10	0	AC	150	10	CS	E230	10								6	1	.040			09-10
10 53	26.820			39	10															7					10-11
11 53	26.800			35	10															7					11-12
12 56	26.790			34	10	10	CS	E230												7	6	.050			12-13
13 58	26.780			33	10															7					13-14
14 52	26.780			33	10															7					14-15
15 52	26.780			46	10	10	CS	E300												9	6	.010			15-16
16 50	26.800			56	7															3					16-17
17 54	26.810			70	3															1					17-18
18 55	26.820			58	0	0	CI	300												0	2	.040			18-19
19 52	26.840			66	0															0					19-20
20 52	26.840			66	2															1					20-21
21 53	26.840			68	6	6	CI	300												3	1	.020			21-22
22 53	26.840			73	5															4					22-23
23 50	26.840			82	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 0348		0	0		38	32										
	0348	1	0	0	0	39	32		0								
	0949	2	0	0	0	49	32		0								
	1549	3	0	0	0	57	49		0								
	2149	4	0	0	0	52	39		0								
	MID.		0	0	0	40	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.745	26.840	26.780	26.840
BAROGRAPH 64	26.735	26.840	26.770	26.840
BAR. CORR. 65	+.016	0*	+.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 UNREL. 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
57	32	0	0	0	12	SE	1050					10	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 0644 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: / 0633 / 1600 /

* BAROGRAPH CHANGED – RESET TO I.O CORR.

1754/+5 /1754

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 10 1987

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 (10's of ∠) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATION INITIALS (15)
SA	0055	CLR	20			246	37	31	01	04		026	FEW Ci / 803 1001	DCa
SA	0153	250 SCT	20			241	37	30	09	04		025		DCa
SA	0250	CLR	20			241	37	30	09	04		025	FEW Ci	DCa
SA	0351	CLR	20			244	33	31	10	04		025	605 1001 33 RADAT 20132	MR
SA	0451	CLR	20			245	34	30	14	03		025		MR
SA	0553	CLR	20			249	33	30	09	04		025		MR
SA	0651	CLR	20			252	34	30	30	03		026	303	MR
SA	0752	CLR	20			251	39	32	10	04		026		MR
SA	0853	CLR	20			249	44	32	00	00		026		MR
SA	0953	CLR	20			244	51	30	22	02		026	000 1002 32	MR
SA	1050	250 -BKN	20			229	55	32	26	04		023		MR
SA	1153	250 - BKN	20			216	58	33	25	05		018		MR
SA	1257	250 - BKN	20		208	215	58	33	23	07		016	629 1002	MR
SA	1355	250 -BKN	20			200	57	33	21	07		014		MR
SA	1453	CLR	20			198	58	34	20	06		014	Ci W	MR
SA	1555	CLR	20			199	56	33	22	06		013	610 1001 59 RADAT 20139	DCa
SA	1654	CLR	20			207	52	34	00	00		014	Ci SW	DCa
SA	1755	CLR	20			205	45	37	06	03		014		DCa
SA	1851	CLR	20			205	43	36	11	05		014	103	DCa
SA	1956	CLR	20			200	42	36	00	00		014		DCa
SA	2053	CLR	20			211	41	36	04	05		015		DCa
SA	2152	CLR	20			208	41	36	11	05		015	103 59	DCa
SA	2251	CLR	20			201	40	35	09	03		014		DCa
SA	2352	CLR	20			196	38	35	11	05		013		DCa

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 10 1987

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 55	26.830			84	0	0	Ci	250												0	8	.010			00-01
01 53	26.820			76	1															1					01-02
02 50	26.820			76	0															0					02-03
03 51	26.815			91	0	0	Ci	250												0	6	.015			03-04
04 50	26.815			83	0															0					04-05
05 53	26.815			90	0															0					05-06
06 57	26.825			86	0															0	3	.010			06-07
07 52	26.830			74	0															0					07-08
08 53	26.830			61	0															0					08-09
09 53	26.825			46	0	0	Ci	250												0	0	.000			09-10
10 50	26.795			41	7															2					10-11
11 53	26.760			38	7															2					11-12
12 57	26.740			38	9	9	Ci	250												3	6	.085			12-13
13 55	26.720			40	9															3					13-14
14 53	26.715			40	0															0					14-15
15 55	26.710			42	0	0	Ci	250												0	6	.030			15-16
16 54	26.720			50	0															0					16-17
17 55	26.720			73	0															0					17-18
18 51	26.720			76	0															0	1	.010			18-19
19 56	26.720			79	0															0					19-20
20 53	26.720			81	0															0					20-21
21 53	26.730			82	0															0	1	.010			21-22
22 54	26.720			82	0															0					22-23
23 52	26.710			89	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	39	33	X	X						X		
	0347	1	0	0	0	40	33		0								
	0850	2	0	0	0	51	32		0								
	1553	3	0	0	0	59	51		0								
	2150	4	0	0	0	56	40		0								
	MID.	X	0	0	0	42	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0850	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.815	26.825	26.710	26.730
BAROGRAPH 64	26.810	26.815	26.710	26.720
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 UNOFFICIAL 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
59	32	0	0	0	10	SW	1339					3	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 06:45 SUNSET 16:28

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 CORRECT TO NEAREST MINUTE AT: 10354P 11600 1

1257 / 1257

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 11 1987

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. (7)	DEW PT. (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEA CONDITIONS (15)
SA	0051	CLR	20			193	38	35	15	05		012	710	Cca
SA	0157	CLR	20			196	37	34	08	04		013		Cca
SA	0254	CLR	20			193	36	34	06	04		012		Cca
SA	0354	CLR	20			193	35	34	10	05		011	803 35 RADAT 20128	MR
SA	0452	CLR	20			195	35	34	12	04		012		MR
SA	0550	CLR	20			204	35	33	13	05		013		MR
SA	0657	CLR	20			214	35	33	13	05		015	312 1001	MR
SA	0752	CLR	20			218	41	36	20	03		017	Ci S-W	MR
SA	0851	CLR	20			212	54	34	05	17	G24	017	Ci S-W	MR
SA	0954	250 -SCT	20			211	56	36	05	21	G30	017	108 1001 34	MR
SA	1050	250 -SCT	20			205	58	35	05	20	G26	016		MR
SA	1159	250 -OVC	20			196	60	33	05	16	G22	013		MR
SA	1253	250 -OVC	20			191	60	31	03	15		012	617 1001	MR
SA	1356	250 -OVC	20			185	60	30	04	18		009		MR
SA	1451	250 -OVC	20			185	58	30	02	15	G20	009		MR
SA	1553	250- OVC	20			188	57	28	04	14	G21	009	607 1001 60	Cca
SA	1655	250- OVC	20			185	52	27	05	10		008	RADAT 20099	Cca
SA	1753	CLR	20			194	51	23	04	18	G25	011	FEW Ci OVHD	Cca
SA	1856	CLR	20			196	49	19	04	19	G37	011	303 * PKWND ~~04456~~	Cca
							46	16				012	0437/54 [illegible]	
SA	1955	CLR	20			198	46	16	04	18	G28	012		Cca
SA	2050	CLR	20			191	45	14	04	17	G25	012		Cca
SA	2154	CLR	20			192	42	13	04	18	G30	012	103 60	Cca
SA	2254	CLR	20			199	40	14	04	25	G36	014	~~PKW~~ ~~PKWND04365Z~~	Cca
		~~250- SCT~~	~~20~~										PKWND0437/32	
SA	2353	250- SCT	20			199	38	13	04	12	G20	014	PKWND 0432/0257	Cca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 11 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.700			89	0															0	7	.030			00-01
01 51	26.710			89	0															0					01-02
02 54	26.700			92	0															0					02-03
03 54	26.690			94	0															0	8	.010			03-04
04 52	26.685			93	0															0					04-05
05 50	26.705			94	0															0					05-06
06 57	26.725			92	0	0	Ci	250												0	3	.035			06-07
07 52	26.745			81	0															0					07-08
08 51	26.750			47	0															0					08-09
09 54	26.750			47	1	1	Ci	250												0	1	.025			09-10
10 50	26.735			42	5															2					10-11
11 59	26.710			36	10															2					11-12
12 53	26.700			33	10	10	Ci	250												2	6	.050			12-13
13 56	26.680			32	10															3					13-14
14 51	26.680			34	10															3					14-15
15 53	26.680			33	10	10	Ci	250												3	6	.020			15-16
16 55	26.670			38	10															3					16-17
17 53	26.690			33	0															0					17-18
18 52	26.690			30	0															0	3	.010			18-19
19 55	26.700			30	0															0					19-20
20 50	26.700			28	0															0					20-21
21 54	26.700			30	0															0	1	.010			21-22
22 54	26.720			34	0															0					22-23
23 53	26.720			35	2															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 0348	X	0	0	X	40	35	X	X						X		
	0348	1	0	0	0	42	35		0								
	0951	2	0	0	0	56	34		0								
	1552	3	0	0	0	60	56		0								
	2148	4	0	0	0	57	42		0								
	MID.	X	0	0	0	42	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.750	26.680	26.700
BAROGRAPH 64	26.680	26.735	26.670	26.690
BAR. CORR. 65	+.010	+.015	+.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	34	0	0	0	38	NE	2257					6	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:46 SUNSET 16:28

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1055Z / 1603 /

1856 / 0437Z / 1903

1955 / 1955

2254 / 2254

2353 / 2353

2353 / PK WND / 1400 - 15

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION [redacted] DESERT ROCK NEVADA

DATE DEC 12 1987

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

SURFACE WEATHER OBSERVATIONS

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	0054	CLR	20			200	37	13	04	17		014	107	Dla
SA	0154	CLR	20			197	35	13	04	20		013		Dla
SA	0252	CLR	20			198	35	11	04	18	G26	013		Dla
SA	0352	CLR	20			195	34	12	04	18		012	807 34	Dla
SA	0454	CLR	20			196	34	12	05	19		012	RADAT 35045 1150	MR
SA	0554	CLR	20			198	33	12	04	19	G24	012		MR
SA	0654	CLR	20			204	32	12	04	19	G24	013	303 1050	MR
SA	0754	CLR	20			212	33	11	05	16		015	Ac SW	MR
SA	0853	CLR	20			207	35	11	03	14	G23	014	WND 36 V06	MR
SA	0952	CLR	20			200	38	11	03	20	G26	012	805 1100 32	MR
SA	1054	CLR	20			182	40	10	03	18	G25	006	Cu SE	MR
SA	1152	CLR	20			168	41	8	03	13	G19	002	Cu SE	MR
SA	1254	CLR	20			154	42	4	02	17	G22	997	742 1100	MR
SA	1353	CLR	20			143	43	5	04	15	G22	994	FEW Cu	MR
SA	1454	CLR	20			135	42	2	04	17	G25	992	FEW Sc	MR
SA	1553	CLR	20			131	43	1	04	14	G25	991	620 1500 43 RADAT 20051	Dla
SA	1653	60 SCT	20			135	38	1	03	18	G27	991		Dla
SA	1753	CLR	20			139	36	5	07	16		992	FEW Sc	Dla
SA	1853	CLR	20			142	35	6	05	16		992	103	Dla
SA	1953	CLR	20			142	34	4	04	12	G22	992		Dla
SA	2050	CLR	20			144	33	4	06	14	G24	993		Dla
SA	2150	CLR	20			145	32	3	04	13	G21	993	103 43	Dla
SA	2250	CLR	20			140	31	5	03	17	G26	992		Dla
SA	2350	CLR	20			128	31	5	04	18	G27	990		Dla

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 12 1967

To convert LST to GMT ADD ___ 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 END-ING 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.720			37	0															0	1	.020			00-01
01 54	26.710			40	0															0					01-02
02 52	26.710			36	0															0					02-03
03 52	26.700			39	0															0	8	.020			03-04
04 54	26.695			39	0															0					04-05
05 54	26.695			42	0															0					05-06
06 54	26.710			43	0	0	Ac	90												0	3	.010			06-07
07 54	26.725			40	0															0					07-08
08 53	26.715			37	0															0					08-09
09 52	26.695			33	0	0	Cu	70												0	8	.015			09-10
10 54	26.650			29	0															0					10-11
11 52	26.610			26	0															0					11-12
12 54	26.570			21	0	0	Cu	60												0	7	.125			12-13
13 53	26.540			21	0															0					13-14
14 54	26.520			18	0															0					14-15
15 53	26.510			17	0	0	Sc	60												0	6	.060			15-16
16 53	26.570			21	1															1					16-17
17 53	26.520			27	0															0					17-18
18 53	26.520			29	0															0	1	.010			18-19
19 53	26.520			28	0															0					19-20
20 50	26.530			29	0															0					20-21
21 50	26.530			29	0															0	1	.010			21-22
22 50	26.520			33	0															0					22-23
23 50	26.500			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 0348	X	0	0	X	38	34	X	X						X		
	0348	1	0	0	0	42	34		0								
	0948	2	0	0	0	38	32		0								
	1548	3	0	0	0	43	38		0								
	2148	4	0	0	0	43	32		0								
	MID.	X	0	0	0	32	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.695	26.510	26.530
BAROGRAPH 64	26.680	26.680	26.500	26.520
BAR. CORR. 65	+.020	+.015	+.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 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
43	31	0	0	0	31	NE	1626					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 06:46 SUNSET 16:29

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1042 / 1555 /

☆ U.S. Government Printing Office: 1986—654-363

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 13 1987

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)	OPTIONAL REMARKS (15)
SA	0050	CLR	20			135	30	5	03	16		991	509	
SA	0150	CLR	20			131	30	5	03	15	G22	990		
SA	0250	CLR	20			129	29	5	04	13		989		
SA	0350	CLR	20			122	27	4	03	16	G22	987	710 [illegible]	
	—		—			—						—	RADAT [illegible]	
SA	0450	CLR	20			130	29	5	04	18	G28	988	FEW - C	
SA	0551	CLR	20			124	29	5	04	16	G24	990	FEW - C	
SA	0650	CLR	20			141	29	5	02	17	G27	991	200 [illegible]	
SA	0751	CLR	20			145	31	5	04	16		993	SE [illegible]	
SA	0853	80 SCT	20			147	33	4	02	22	G31	994		
SA	0954	80 SCT	20			141	36	4	02	20	G31	992	000 15 [illegible] 28	
SA	1054	80 SCT	20			130	37	3	02	22	G33	988		
SA	1155	E80 BKN	20			121	39	2	02	26	G37	986	PK WND [illegible]	
SA	1257	E80 BKN	20			112	40	-1	02	27	G36	984	PK WND [illegible]	
SA	1357	E80 BKN 200 BKN	20			114	40	2	01	25	G35	984	PK WND [illegible]	
SA	1451	80 SCT 200 - BKN	20			118	40	-1	03	26	G37	985	PK WND 0241/34	
SA	1553	80 SCT 200 - BKN	20			130	38	-1	03	28	G37	988	PK WND 0241/27 1314	
	—		—			—						—	1501 40	
SA	1651	E80BKN 250 OVC	6		H	143	37	-2	02	22	G32	992	RADAT 20044	
SA	1751	[illegible] 250 [illegible]	6		H	154	36	2	01	16	G24	995		
SA	1850	CLR	7			167	35	-2	01	16	G28	999	230	
SA	1951	CLR	20			174	33	-2	02	23	G34	001		
SA	2051	CLR	20			181	33	-2	04	17	G34	003		
SA	2151	CLR	20			187	32	-2	04	18	G33	005	220 40	
SA	2251	CLR	20			194	30	-1	06	07		008		
SA	2353	CLR	20			201	30	-1	03	14	G22	009		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

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

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 13 1987

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	26.510			34	0															0	5	.020			00-01
01 50	26.500			34	0															0					01-02
02 50	26.495			35	0															0					02-03
03 55	26.490			34	0	0	SC	80												0	7	.030			03-04
04 52	26.490			35	0															0					04-05
05 51	26.495			35	0															0					05-06
06 50	26.510			35	0	0	SC	80												0	2	.030			06-07
07 51	26.525			33	0															0					07-08
08 53	26.530			29	1															1					08-09
09 54	26.520			26	1	1	SC	80												1	0	.010			09-10
10 54	26.490			23	3															3					10-11
11 55	26.470			21	6															6					11-12
12 54	26.450			18	7	7	SC	80												7	7	.70			12-13
13 51	26.450			16	8															6					13-14
14 57	26.460			17	8															6					14-15
15 53	26.490			19	8	2	SC	80	6	CI	200	8								2	3	.040			15-16
16 51	26.520			19	10															9					16-17
17 51	26.550			19	4															3					17-18
18 50	26.580			20	0															0	2	.090			18-19
19 51	26.600			22	0															0					19-20
20 51	26.620			22	0															0					20-21
21 51	26.640			23	0															0	2	.060			21-22
22 51	26.670			26	0															0					22-23
23 53	26.680			26	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 0350		0	0		31	28										
	0350	1	0	0	0	32	28		0								
	0950	2	0	0	0	36	29		0								
	1551	3	0	0	0	40	35		0								
	2149	4	0	0	0	38	32		0								
	MID.		0	0	0	32	29										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1552	2150
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.520	26.490	26.640
BAROGRAPH 64	26.480	26.520	26.495	26.650
BAR. CORR. 65	.0	.0	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
40	28	0	0	0	*41	N	1527					4	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
H	1651	1840			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0647 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1065 P / 1900 /

*LAST OF 2 OCCURRENCES

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 14 1987

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 INITIALS (15)
SA	0050	CLR	20			201	29	-1	05	16		009	114	HS
SA	0151	CLR	20			210	28	0	05	08		012		HS
SA	0250	CLR	20			214	27	0	04	15		013		HS
SA	0353	CLR	20			216	27	1	05	15		013	110 26 RADAT 2000	SH
SA	0450	CLR	20			225	27	1	03	14		015		SH
SA	0550	CLR	20			229	26	1	05	18		016		SH
SA	0653	250 -SCT	20			243	26	1	05	10	G18	020	360 1001	SH
SA	0750	250 -SCT	20			254	27	2	04	16		023		SH
SA	0852	250 -OVC	20			252	30	1	04	14		023		SH
SA	0954	250 -OVC	20			255	33	1	04	10		024	112 1007 26	SH
SA	1052	E250 OVC	20			252	33	1	01	08		022		SH
SA	1150	170 SCT E250 OVC	20			239	35	1	07	05		014		SH
SA	1253	250 -OVC	20			224	36	1	10	09		015	327 1007	SH
SA	1352	250 -BKN	20			216	38	1	33	07		013		SH
SA	1449	250 -OVC	20			217	37	2	17	03		012	FEW AC	SH
SA	1553	150SCT E250OVC	20			221	37	2	35	07		014	603 1077 38 RADAT 71040	HS
SA	1651	E130BKN 250OVC	20			226	34	7	06	05		015		HS
SA	1750	130SCT E250BKN	20			232	33	8	06	04		016		HS
SA	1856	130SCT E250BKN	20			239	29	10	36	03		017	210 1079	HS
SA	1950	130SCT 250SCT	20			242	30	9	26	05		018		HS
SA	2050	CLR	20			236	25	10	07	04		016		HS
SA	2151	CLR	20			238	24	8	10	03		017	500 38	HS
SA	2250	CLR	20			239	22	8	09	03		017		HS
SA	2350	CLR	20			235	21	8	00	00		016		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO: 1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 14 1987

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	26.680			27	0															0	1	.040			00-01
01 51	26.700			29	0															0					01-02
02 50	26.710			31	0															0					02-03
03 53	26.710			32	0															0	1	.030			03-04
04 50	26.720			32	0															0					04-05
05 50	26.740			33	0															0					05-06
06 53	26.770			33	3	3	Ci	250												0	3	[illegible]			06-07
07 50	26.800			33	3															3					07-08
08 52	26.800			29	10															5					08-09
09 50	26.810			25	10	10	Cs	250												5	1	[illegible]			09-10
10 52	26.800			24	10															[illegible]					10-11
11 50	26.770			23	10															10					11-12
12 53	26.730			22	10	10	Cs	250												4	3	.030			12-13
13 52	26.710			21	7															2					13-14
14 49	26.710			22	10															4					14-15
15 53	26.720			25	10	3	Ac	150	7	Cs	E250	10								7	5	.010			15-16
16 51	26.730			32	10															8					16-17
17 50	26.740			35	7															6					17-18
18 56	26.750			44	8	4	Ac	130	4	Cs	E250	8								7	2	.030			18-19
19 50	26.760			41	3															3					19-20
20 50	26.740			53	0															0					20-21
21 51	26.750			49	0															0	5	.000			21-22
22 50	26.750			52	0															0					22-23
23 50	26.740			59	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		30	26										
	0349	1	0	0	0	32	26		0								
	0950	2	0	0	0	33	26		0								
	1551	3	0	0	0	38	32		0								
	2149	4	0	0	0	36	24		0								
	MID.		0	0	0	25	20										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	1152	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.71[illegible]	[illegible]	26.720	26.750
BAROGRAPH 64	26.720	[illegible]	26.740	26.765
BAR. CORR. 65	[illegible]	[illegible]	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
38	20	0	0	0	26	NE	0053					8	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 0648 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1044P / 1905 /

1856 / 1856

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-303

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 15 1987

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 (4c)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	CLR	20			230	21	8	15	05		015	807	HS
SA	0150	CLR	20			229	20	8	10	06		015		HS
SA	0250	CLR	20			226	20	2	03	03		014		HS
SA	0353	CLR	20			222	20	6	03	03		013	807 22 RADAT ZERO	SH
SA	0455	CLR	20			221	20	6	12	05		012		SH
SA	0550	CLR	20			225	21	6	11	08		012		SH
SA	0651	250 - BKN	20			236	20	7	09	05		015	307 1008	SH
SA	0750	250 - OVC	20			231	25	8	32	03		015	FEW AC	SH
SA	0852	E250 OVC	20			231	30	6	28	05		015	AC SW	SH
SA	0955	E250 OVC	20			230	34	2	08	09		015	FEW AC 1400 [illegible]	SH
SA	1051	E250 OVC	20			220	37	2	15	04		013	AC NW	SH
SA	1149	160 SCT E250 OVC	20			215	36	4	22	08		011		SH
SA	1251	E150 BKN 250 OVC	20			199	36	3	25	02		005	727 1077	SH
SA	1352	E150 BKN 250 OVC	20			196	36	3	14	10		005		SH
SA	1451	60 SCT E150 BKN 2000 OVC	20			195	37	4	06	02		005		SH
SA	1552	50 SCT E150 BKN 2000 OVC	20			193	36	4	15	07		004	707 1577 37	HS
SA	1650	M50 BKN 150 OVC	20			193	35	3	13	10		004	SWU SE RADAT 27041	HS
SA	1750	M35 BKN 150 OVC	20			196	35	5	11	11		005		HS
SA	1851	350 SCT M50 BKN 150 BKN	20			194	35	5	13	08		004	000 1870	HS
SA	1950	35 SCT M50 BKN 150 BKN	20			186	34	8	30	03		003		HS
SA	2050	35 SCT M50 BKN 150 BKN	20			179	34	8	13	08		002		HS
SA	2150	30 SCT M50 OVC	20			176	34	8	13	10		002	707 1811 37	HS
SA	2250	30 SCT M50 OVC	20			169	34	9	13	12		001		HS
SA	2350	30 SCT E50 OVC	20			170	34	11	13	10		001		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 15 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.730			57	0															0	8	.020			00-01
01 50	26.730			58	0															0					01-02
02 50	26.720			45	0															0					02-03
03 53	26.710			55	0															0	8	.020			03-04
04 55	26.700			56	0															0					04-05
05 50	26.710			50	0															0					05-06
06 51	26.720			58	8	8	CS	250												8	8	.020			06-07
07 50	26.730			35	10															5					07-08
08 52	26.730			35	10															10					08-09
09 55	26.730			26	10	0	AC	160	10	CS	E250	10								3	4	.020			09-10
10 57	26.710			22	10															6					10-11
11 49	26.690			26	10															10					11-12
12 51	26.650			24	10	6	AC	E150	4	CS	250	10								10	7	.030			12-13
13 52	26.640			24	10															10					13-14
14 51	26.640			25	10															10					14-15
15 52	26.630			25	10	2	Sc	50	5	Ac	E150	7	3	CS	200	10				10	7	.020			15-16
16 50	26.630			25	10															10					16-17
17 50	26.640			28	10															10					17-18
18 51	26.630			28	9	3	Sc	35	3	Cu	M50	6	3	Ac	150	9				9	0	.000			18-19
19 50	26.620			33	9															9					19-20
20 50	26.610			33	9															9					20-21
21 50	26.610			33	10	4	Sc	30	6	Cu	M50	10								10	7	.030			21-22
22 50	26.600			36	10															10					22-23
23 50	26.600			38	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 0349	X	0	0	X	23	20	X	X						X		
	0349	1	0	0	0	25	20		0								
	0752	2	0	0	0	34	19		0								
	1550	3	0	0	0	37	34		0								
	2148	4	0	0	0	36	34		0								
	MID.	X	0	0	0	34	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0753	1551	2149
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	[illegible]	26.630	26.610
BAROGRAPH 64	26.715	26.724	26.640	26.620
BAR. CORR. 65	-.005	.011	-.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
37	19	0	0	0	*18	SE	2202					10	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 0649 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1065SP/1855/

1851-1851

*1 LAST OF 2 OCCURRENCES.

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE DEC 16 1987

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

SURFACE WEATHER OBSERVATIONS

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	30 SCT E50 OVC	20			158	35	15	08	13		997	814 1811	HS
SA	0150	E50 BKN 150 BKN	20			143	35	18	08	14	G29	993		HS
SA	0250	50 SCT 150 SCT	20			143	33	14	14	11		993		HS
SA	0353	50 SCT E150 BKN	20			148	33	14	01	03		994	510 1570 33	JP
													RADAT 39039	
SA	0455	50 SCT E130 OVC	20			141	32	16	04	09		992		JP
SA	0554	50 SCT E130 OVC	20			134	32	17	02	07		990		JP
SA	0653	50 SCT 130 SCT E200 OVC	20			139	31	17	12	05		991	510 1078	JP
SA	0755	50 SCT E130 BKN 200 OVC	20			142	33	18	09	06		992		JP
SA	0852	50 SCT E130 BKN 200 OVC	20			140	35	18	14	08		992		JP
SA	0953	50 SCT 130 SCT E200 BKN	20			130	39	19	32	04		990	803 1575 30	JP
SA	1056	50 SCT 130 SCT E200 BKN	20			110	42	18	12	15	G23	984		JP
SA	1157	50 SCT 130 SCT E200 OVC	20			101	44	17	11	10		982		JP
SA	1252	E130 OVC	20			091	45	18	35	10		980	630 1077	JP
SA	1353	E130 BKN 200 OVC	20			088	44	17	36	10		979		JP
SA	1451	E130 BKN 200 OVC	20			089	44	17	32	05		979		JP
SA	1554	E130 BKN 200 BKN	20			094	43	17	29	06		980	500 1078 46 RADAT 44056	EP
SA	1651	130 SCT E200 OVC	20			092	39	20	12	05		979		EP
SA	1752	130 SCT E200 OVC	20			097	38	21	03	08		980		EP
SA	1855	50 SCT 130 SCT E200 OVC	20			102	38	21	00	00		981	303 1177	EP
SA	1952	40 SCT E110 BKN 200 OVC	20			104	39	21	35	05		982		EP
SA	2051	30 SCT E110 OVC	20			102	40	23	23	11		982		EP
SA	2154	30 SCT E110 OVC	20			105	38	29	27	08		983	307 142/46	EP
SP	2221	-X E150 OVC	10		S-				31	08		983	S2 SB08	EP
RS	2252	-X E110 OVC	6		S-	100	35	34	25	05		982	S4 SB08	EP
SP	2338	W7X	3		S-				00	00		981		EP
SA	2352	W7X	3		S-	096	33	33	00	00		981		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x h VV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-006/6065

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 16 1987

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570			44	10	3	Sc	30	7	Cu	550	10								10	8	.040			00-01
01 50	26.530			49	9															9					01-02
02 50	26.530			45	3															3					02-03
03 53	26.540			45	7	2	Sc	50	5	Ac	E150	7								7	5	[illegible]			03-04
04 55	26.500			51	10															10					04-05
05 54	26.500			54	10															10					05-06
06 53	26.510			56	10	4	Ac	30	1	Ac	130	5	5	Cs	E200	10				10	5	[illegible]			06-07
07 55	26.510			54	10															10					07-08
08 52	26.520			50	10															10					08-09
09 53	26.500			44	9	1	Sc	50	3	Ac	130	4	5	Cs	E200	9				1	5	[illegible]			09-10
10 56	26.450			38	9															3					10-11
11 57	26.430			34	10															9					11-12
12 57	26.410			34	10	10	Ac	E130												10	3	[illegible]			12-13
13 53	26.400			34	10															10					13-14
14 51	26.400			34	10															10					14-15
15 54	26.410			35	9	6	Ac	E130	3	Cs	200	9								7	5	.000			15-16
16 51	26.400			46	10															7					16-17
17 52	26.410			50	10															7					17-18
18 55	26.420			50	10	2	Cu	50	2	Ac	130	4	6	Cs	E200	10				7	3	.010			18-19
19 52	26.430			48	10															10					19-20
20 51	26.430			50	10															10					20-21
21 54	26.440			70	10	3	Sc	30	10	As	E110	10								10	3	.020			21-22
22 52	26.430			97	10															10					22-23
23 52	26.420			100	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 0851		0	0		35	33										
	0851	1	0	0	0	35	33		0								
	0952	2	0	0	0	39	30		0								
	1550	3	0	0	0	46	39		0								
	2149	4	0	0	0	43.	37.		0								
	MID.		T	T	0	38.	33.										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0851	0952	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.500	26.410	26.440
BAROGRAPH 64	26.540	26.500	26.390	26.410
BAR. CORR. 65	0	0	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	30	T	T	0	29	E	0145					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	2208	CONT.			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0649 SUNSET 1630

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 CORRECT TO NEAREST MINUTE AT: 1043P / 2135 /

T-MELTED AS IT FELL

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 17 1987

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 (09-36) (9)	WIND SPEED (Kts.) (10)	WIND GUSTS (Kts.) (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13) 6409	OBSERVERS INITIALS (15)
RS	0057	W6X	2		S-	093	33	33	00	00		980	71007 ~~HHT~~ (COR ~~0107~~)	EP
SP	0120	W7X	3		S-				00	00		980		EP
RS	0152	-X E15 BKN 30 OVC	5		S-	090	34	33	02	09		979	52	EP
RS	0251	15SCT E40 OVC	7		R-S-	083	36	34	10	09		977	RB31 (COR ~~0215~~)	EP
SA	0353	15 SCT M 38 OVC	10		R-	074	37	35	09	16	G25	975	SE23 / 71004 15//	JP
													33* RAOAT 15040 *70004 (COR 1203)	JP
SP	0448	M19 BKN 40 OVC	10		R-				08	06		974		JP
SA	0456	M20 BKN 40 OVC	10		R-	078	37	34	05	08		975		JP
SA	0555	M22 OVC	10		R-	079	37	35	02	11		975		JP
SA	0651	14SCT M21 OVC	8		R-	084	36	35	03	13		976	5004 15//	JP
RS	0756	M17 OVC	7		R-	090	36	35	04	07		979	C16 RSN	JP
SP	0816	7SCT M14 BKN 21 OVC	7		R-S-				03	05		980	C16 RSN	JP
SA	0857	7SCT M14 BKN 22 OVC	7		R-	098	36	35	08	07		981	C16 RSN ~~E42 3007~~ 3007 E 22	JP
SA	0914	5 SCT M14 BKN 22 OVC	6		R-S-F	103	36	35	12	07		982	C16 RSN 3031/ 15//	JP
SA	1036	7SCT M12 OVC	6		R-F	099	37	37	10	06		981	C16 RSN 36 37	JP
SA	1152	6SCT M12 OVC	6		R-F	093	37	36	03	07		980	C16 10 [illegible]	JP
SA	1253	6SCT M12 BKN 25 OVC	7		R-	092	38	37	07	10		979	~~RE~~ 71005 17//	JP
SA	1356	7SCT M13 BKN 25 OVC	10		R-	092	38	37	11	05		979		JP
SA	1450	7SCT M12 BKN 25 OVC	10		R-	094	39	37	11	06		980		JP
SA	1557	8 SCT M12 BKN 25 OVC	20			098	39	37	10	07		981	HR CLOS VSB BEG 30 ~~01~~	EP
													17// 39 RAOAT 95050	
SP	1620	11SCT M22 BKN 50 OVC	20						10	08		981	BNOVC SW	EP
SA	1653	12SCT M23 BKN 50 BKN 200 OVC	20			102	39	37	11	07		982		EP
SP	1728	23 SCT 50 SCT E80 BKN 200 BKN	20						10	08		982		EP
SA	1751	25SCT 38SCT 80SCT	20			107	37	36	10	08		983		EP
SA	1858	17SCT M38 BKN 80 BKN	20			110	37	36	05	05		984	210 1570	EP
SA	1952	17SCT M35 OVC	20			114	39	36	12	04		985		EP
SA	2051	17SCT M35 BKN	20			118	38	36	11	07		986		EP
SA	2157	M35 OVC	20			122	38	36	06	06		~~986~~ 987	210 15// 39	EP
SA	2255	M45 BKN	20			121	38	36	03	10		987		EP
SA	2352	M45 OVC	20			120	39	36	05	07		987		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

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

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-464-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 17 1987

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 57	26.410			100	10	10	S	W6												10	7	.030			00-01
01 52	26.400			96	10															10					01-02
02 51	26.390			93	10															10					02-03
03 53	26.380			93	10	2	STFRA	15	10	SC	M38	10								10	7	.030			03-04
04 56	26.370			89	10															10					04-05
05 55	26.370			92	10															10					05-06
06 51	26.380			96	10	1	STFRA	14	10	SC	M71	10								10	5	.00			06-07
07 52	26.400			96	10															10					07-08
08 57	26.420			96	10															10					08-09
09 54	26.430			96	10	3	STFRA	8	5	SC	M14	8	2	SC	22	10				10	1	.030			09-10
10 56	26.420			100	10															10					10-11
11 53	26.410			96	10															10					11-12
12 53	26.400			96	10	1	STFRA	6	7	STFRA	M12	8	2	SC	25	10				10	7	0.30			12-13
13 56	26.400			93	10															10					13-14
14 50	26.410			92	10															10					14-15
15 57	26.420			93	10	1	STFRA	8	7	STFRA	M12	7	3	SC	25	10				10	5	.020			15-16
16 53	26.430			93	10															8					16-17
17 51	26.440			97	5															5					17-18
18 58	26.450			97	9	1	SC	17	6	SC	M38	6	3	AC	80	9				9	2	.030			18-19
19 52	26.460			91	10															9					19-20
20 51	26.470			92	8															8					20-21
21 57	26.480			92	10	10	SC	M35												10	2	.030			21-22
22 55	26.480			92	9															9					22-23
23 52	26.480			91	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 0351	X	.09	E.7	X	37	33	X	X						X		
	0351	1	.09	E.7	T	38	33		5								
	0752	2	.15	T	0	37	35		2								
	1552	3	.11	T	0	39	35		1								
	2152	4	0	0	0	39	37		1								
	MID.	X	0	0	0	39	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0754	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.430	26.420	26.480
BAROGRAPH 64	26.40	26.43	26.420	26.485
BAR. CORR. 65	.1020	0	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
39	33	.35	E.7	T	28	E	0357					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	CONT.	0323			
R-	0231	1520			
S-	0807	0822			
S-	0939	1001			
F	0945	1015			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0650 SUNSET 1630

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

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

TIME CHECK - CLOCK CORRECTED TO NEAREST MINUTE AT: 1/2350/2353.1

0057/0107 0251/0313

0353 COL13 */0403

0456/0456

T- MELTED AS IT FELL -

* 0857/0857

1253-HE/1253

2157/2157

E- ESTIMATED DUE TO MELTING

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: DEC. 18 1987

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 HAR. ACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS ACCESS (15)
SA	0053	M 50 OVC	20			124	39	36	07	08		988	303 15	EP
SA	0152	32 SCT M 50 OVC	20			131	39	36	00	00		991		EP
SA	0253	32 SCT M 50 BKN	20			136	37	35	00	00		992		EP
SA	0354	M 50 BKN	20			131	38	35	04	06		991	007 1500 37	JP
										2	00	26	RADAT 88001	
SA	0454	M 50 OVC	20			131	38	34	02	11		991	BINOVC	JP
SA	0555	M 55 BKN	20			136	38	34	36	11		992		JP
SA	0653	55 SCT	20			145	37	33	01	13		994	310 1500	JP
SA	0756	CLR	20			143	39	34	05	08		994	FEW SC	JP
SA	0857	CLR	20			147	44	34	03	09		996	FEW SC 5	JP
SA	0953	CLR	20			147	46	33	02	10		996	107 35	JP
SA	1056	CLR	20			144	48	32	03	12		995		JP
SA	1155	CLR	20			125	49	31	03	13		991		JP
SA	1253	CLR	20			120	50	31	02	10		990	820	JP
SA	1356	CLR	20			116	51	31	36	09		988		JP
SA	1452	CLR	20			116	51	30	01	11		988	[illegible]	JP
SA	1553	CLR	20			113	50	31	02	05		987	707 1001 51 RADAT 59068	EP
SA	1654	CLR	20			112	45	33	24	05		986		EP
SA	1752	CLR	20			117	42	34	18	03		987		EP
SA	1852	CLR	20			122	37	34	07	05		987	500 1001	EP
SA	1954	CLR	20			121	36	33	02	07		987		EP
SA	2051	CLR	20			122	35	32	03	04		988		EP
SA	2155	CLR	20			125	36	31	00	00		990	307 51	EP
SA	2250	CLR	20			121	33	31	04	03		988		EP
SA	2356	200 - BKN	20			108	34	32	04	05		985		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO 1984 0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 18 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.490			87	10	10	SC	M50												10	3	.010			00-01
01 52	26.510			85	10															10					01-02
02 53	26.520			93	7															7					02-03
03 54	26.510			89	8	8	SC	M50												8	0	.000			03-04
04 54	26.510			85	10															10					04-05
05 55	26.500			85	7															7					05-06
06 53	26.540			85	1	1	SC	55												1	3	.010			06-07
07 56	26.540			82	0															0					07-08
08 57	26.560			68	0															0					08-09
09 53	26.560			60	0															0	1	.000			09-10
10 56	26.550			54	0															0					10-11
11 55	26.510			50	0															0					11-12
12 53	26.500			48	0															0	5	.000			12-13
13 56	26.490			46	0															0					13-14
14 53	26.490			44	0															0					14-15
15 53	26.480			48	0	0	CI	200												0	7	.020			15-16
16 54	26.470			63	0															0					16-17
17 52	26.480			73	0															0					17-18
18 52	26.480			89	0	0	CI	200												0	5	.000			18-19
19 54	26.480			89	0															0					19-20
20 51	26.490			91	0															0					20-21
21 55	26.500			83	0															0	3	.020			21-22
22 50	26.490			94	0															0					22-23
23 56	26.460			93	9															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 0352		0	0		40	37										
	0352	1	0	0	0	40	37		1								
	0951	2	0	0	0	46	35		1								
	1549	3	0	0	0	51	46		0								
	2151	4	0	0	0	50	35		0								
	MID.		0	0	0	36	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0314	0953	1550	2153
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.500	26.480	26.500
BAROGRAPH 64	26.510	26.500	26.480	26.500
BAR. CORR. 65	0	0.000	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	32	0	0	0	17	NE	1102					0	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0650 SUNSET 1630

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1054P / 2035 /

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 19 1987

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's Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0053	200 - OVC	20			105	33	32	00	00		984	617 1007	EP
SA	0153	~~20~~ E200 OVC	20			108	34	33	07	04		985		EP
SA	0251	E 200 OVC	20			107	35	33	10	03		985		EP
SA	0353	E 200 OVC	20			109	34	33	08	04		985	103 1007 32	EP
													RAOAT 74061	
SA	0456	E 200 OVC	20			110	35	33	12	03		985		EP
SA	0557	32 SCT E 200 OVC	20			119	35	33	00	00		987		EP
SP	0616	M23 BKN 150 OVC	10		R-				00	00		988	C16 R6D	EP
SP	0631	M14 BKN 150 OVC	10		R-				00	00		990	C16 R6D	EP
RS	0655	M11 BKN 23 OVC	2		R-S-F	135	34	34	07	05		991	R305587 / 3170A 1711	EP
SP	0703	-X M11 OVC	1		R-S-F				09	05		992	F2	EP
SP	0722	-X M1 OVC	1½		R-S-F				08	03		992	F1	EP
SP	0746	M11 BKN 23 OVC	2		R-S-F				36	06		993		EP
SA	0751	E 10 BKN 23 OVC	2½		R-S-F	144	34	34	35	05		993	C16 R6D	EP
SP	0903	[illegible]	[illegible]		R-S-F				23	05		993		EP
RS	0933	3 SCT E 10 BKN 30 OVC	4		R-F	142	34	34	06	03		995	V307 AC 1½ [illegible]	EP
RS	0953	5 SCT 12 SCT M30 BKN 50 OVC	6		R-F	134	37	36	02	04		996	C16 R6D [illegible] 1711 3 [illegible]	EP
SA	1054	6 SCT M22 BKN 50 OVC	6		F	134	40	38	12	05		996	RE41	EP
SA	1155	6 SCT M27 BKN 50 OVC	6		R-F	147	40	37	03	07		995	R553	EP
SA	1253	6 SCT M28 BKN 50 OVC	10		R-	149	40	36	04	08		995	60301 [illegible]	EP
SP	1334	7 SCT 28 SCT 50 SCT	20						03	10		995		EP
		E 200 OVC												
SA	1354	15 SCT 20 - OVC	20			143	43	37	04	07		994	RE17	EP
SA	1450	15 SCT 50 SCT E 200 OVC	20			145	44	37	11	04		995		EP
SA	1553	15 SCT M45 BKN 200 BKN	20			151	44	37	12	13		996	30301 1501 45 RAOAT 93056	EP
SA	1651	20 SCT M45 BKN 200 OVC	20			155	42	36	12	11		997		EP
SA	1750	M45 BKN 200 OVC	20			162	42	36	09	06		000		EP
SA	1852	M45 OVC	20			171	41	37	00	00		002	317 15 11	EP
SA	1952	M45 OVC	20			175	42	35	30	04		003		EP
SA	2051	M45 BKN	20			183	40	34	34	06		005		EP
SA	2153	CLR	20			186	39	31	08	06		006	214 1500 45	EP
SA	2254	CLR	20			192	39	29	06	11		008		EP
SA	2351	CLR	20			196	37	28	05	11		009		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-006/605

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 19 1987

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. 66-
00 53	26.450			97	10	10	CS	200												4	6	.050			01
01 53	26.460			96	10															9					01-02
02 51	26.460			94	10															10					02-03
03 53	26.460			96	10	10	CS	E300												10	1	.010			03-04
04 56	26.460			92	10															10					04-05
05 57	26.480			92	10															10					05-06
06 55	26.510			100	10	7	ST FRA	M11	3	SC	23	10								10	3	.030			06-07
07 55	26.530			100	10															10					07-08
08 53	26.550			100	10															10					08-09
09 53	26.560			96	10	1	ST FRA	5	3	ST FRA	12	4	5	ST FRA	M10	9	1	SC	50	10	1	.030			09-10
10 54	26.560			92	10															10					10-11
11 55	26.550			89	10															10					11-12
12 53	26.550			86	10	1	ST FRA	6	7	SC	M28	8	2	SC	50	10				10	6	.040			12-13
13 54	26.540			79	10															3					13-14
14 50	26.550			76	10															9					14-15
15 53	26.560			76	9	1	CU FRA	15	7	SC	M45	7	3	CI	200	9				8	3	.010			15-16
16 51	26.570			79	10															8					16-17
17 50	26.590			79	10															9					17-18
18 52	26.610			85	10	10	SC	M45												10	3	.050			18-19
19 52	26.620			77	10															10					19-20
20 51	26.640			79	7															7					20-21
21 53	26.650			74	0	0	SC	50												0	2	.040			21-22
22 54	26.670			66	0															0					22-23
23 51	26.680			70	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 0352	X	0	0	X	36	33	X	X						X		
	0352	1	0	0	0	36	32		0								
	0951	2	.11	E.3	0	37	33		2								
	1549	3	.01	0	0	45	37		1								
	2150	4	0	0	0	44	38		1								
	MID.	X	0	0	0	41	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.560	26.560	26.650
BAROGRAPH 64	26.465	26.565	26.540	26.650
BAR. CORR. 65	0	0	+020	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4444 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
45	33	.12	E.3	0	16	E	2225					10	9		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0651 SUNSET 1631

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1063 4P/2035/

0153/0153

~~F – MELTED AT FEET~~ E – ESTIMATED DUE TO MELTING

~~E – DUE TO MELTING~~

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
R–	0605	1041			
S–	0647	0934			
F	0950	0218			
R–	1113	1317			

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-363

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 20 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0052	CLR	20			200	37	27	06	12		011	214	EP
SA	0154	CLR	20			205	37	25	08	08		013		EP
SA	0251	CLR	20			208	39	25	05	15		014		EP
SA	0350	CLR	20			210	37	23	04	09		014	110 35 20012 RADAT 62059	AD
SA	0450	CLR	20			215	35	23	04	08		015		AD
SA	0550	CLR	20			223	35	22	05	10		017		AD
SA	0650	CLR	20			233	34	21	05	08		019	217	AD
SA	0750	CLR	20			238	36	22	03	09		022		AD
SA	0850	CLR	20			245	39	22	05	12		024		AD
SA	0950	CLR	20			252	41	22	04	13		026	220 33	AD
SA	1050	CLR	20			250	44	24	02	10		026		AD
SA	1150	CLR	20			242	46	26	18	04		024		AD
SA	1250	CLR	20			235	47	27	23	05		022	814	AD
SA	1350	CLR	20			234	48	29	21	08		022		AD
SA	1450	CLR	20			232	47	29	23	10		022		AD
SA	1550	CLR	20			238	46	29	23	08		023	303 48 RADAT [illegible]	CH
SA	1650	CLR	20			243	42	31	27	05		023		CH
SA	1750	CLR	20			257	37	32	03	06		026		CH
SA	1850	CLR	20			266	36	32	07	05		028	317	CH
SA	1950	CLR	20			270	33	31	32	04		028		CH
SA	2050	CLR	20			265	32	31	07	04		028		CH
SA	2150	CLR	20			263	34	31	05	04		028	400 48	CH
SA	2250	CLR	20			264	30	29	00	00		028		CH
SA	2350	CLR	20			262	31	29	12	04		028		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 20 1987

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	HRS.
00 52	26.690			67	0															0	2	.040			00-01
01 54	26.710			62	0															0					01-02
02 51	26.720			57	0															0					02-03
03 50	26.720			59	0															0	1	.030			03-04
04 50	26.730			61	0															0					04-05
05 50	26.750			59	0															0					05-06
06 50	26.770			59	0															0	2	.050			06-07
07 50	26.790			56	0															0					07-08
08 50	26.810			50	0															0					08-09
09 50	26.830			47	0															0	2	.060			09-10
10 50	26.830			45	0															0					10-11
11 50	26.810			45	0															0					11-12
12 50	26.790			46	0															0	8	.040			12-13
13 50	26.790			48	0															0					13-14
14 50	26.790			50	0															0					14-15
15 50	26.800			51	0															0	3	.010			15-16
16 50	26.800			65	0															0					16-17
17 50	26.830			82	0															0					17-18
18 50	26.850			85	0															0	3	.050			18-19
19 50	26.850			92	0															0					19-20
20 50	26.850			96	0															0					20-21
21 50	26.850			89	0															0	4	.000			21-22
22 50	26.850			96	0															0					22-23
23 50	26.850			92	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 0350	X	0	0	X	39	35	X	X						X		
	0350	1	0	0	0	41	35		1								
	0950	2	0	0	0	41	33		0								
	1548	3	0	0	0	48	41		0								
	2148	4	0	0	0	46	32		0								
	MID.	X	0	0	0	34	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.830	26.800	26.850
BAROGRAPH 64	26.720	26.830	26.790	26.840
BAR. CORR. 65	+/- 0	+/- 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	THICK HEAVY ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUN-RISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	30	0	0	0	18	NE	0306					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0652 SUNSET 1631

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0500 / 1701 /

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC. 21, 1987

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. (Miles) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			262	30	28	01	05		028	400	CH
SA	0150	CLR	20			257	31	28	12	08		027		CH
SA	0250	CLR	20			257	31	29	33	05		027		CH
SA	0350	CLR	20			252	29	27	00	00		025	810 28 RADAT 87L035105	AD
SA	0450	CLR	20			255	28	27	00	00		025		AD
SA	0550	CLR	20			258	28	27	30	05		025		AD
SA	0650	CLR	20			258	29	27	00	00		025	400	AD
SA	0750	160 SCT	20			261	32	30	14	04		026		AD
SA	0850	160 SCT	20			270	38	31	29	05		029		AD
SA	0950	160 SCT	20			275	42	30	00	00		032	320 1070 27	AD
SA	1050	160 SCT	20			267	45	32	29	05		029		AD
SA	1150	160 SCT 220 - BKN	20			252	48	30	27	04		026		AD
SA	1250	220 - SCT	20			245	49	33	21	11		024	724 1001	AD
SA	1350	220 - SCT	20			239	51	32	22	06		023		AD
SA	1450	E 220 XBKN	20			241	47	33	23	06		023		AD
SA	1550	E 220 BKN	20			240	45	34	23	05		022	707 1006 51	
/						—							RADAT 65114	CH
SA	1650	E 220 BKN	20			240	41	35	00	00		020		CH
SA	1750	E 220 BKN	20			237	40	35	00	00		019		CH
SA	1850	E 220 BKN	20			242	38	36	02	04		020	503 1008	CH
SA	1950	E 220 BKN	20			235	38	36	10	04		019		CH
SA	2050	E 220 BKN	20			227	38	35	00	00		018		CH
SA	2150	220 - BKN	20			224	36	34	16	04		017	710 1008 51	CH
SA	2250	220 - BKN	20			216	37	34	09	06		016		CH
SA	2350	220 - BKN	20			207	37	34	00	00		014		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO:1984 0-764-006-6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 21, 1987

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	26.850			92	0															0	4	.000			00-01
01 50	26.840			89	0															0					01-02
02 50	26.840			92	0															0					02-03
03 50	26.820			92	0															0	8	.030			03-04
04 50	26.820			96	0															0					04-05
05 50	26.820			96	0															0					05-06
06 50	26.820			92	0															0	4	.000			06-07
07 50	26.830			92	1															1					07-08
08 50	26.860			76	1															1					08-09
09 50	26.880			62	1	1	AC	160												1	3	.060			09-10
10 50	26.860			60	2															2					10-11
11 50	26.830			50	8															2					11-12
12 50	26.810			54	4	4	CI	220												1	7	.070			12-13
13 50	26.800			48	4															1					13-14
14 50	26.800			58	9															5					14-15
15 50	26.770			65	9	9	CS	E220												6	7	.030			15-16
16 50	26.780			79	9															6					16-17
17 50	26.770			82	9															5					17-18
18 50	26.780			92	8	8	CS	E220												5	5	.010			18-19
19 50	26.770			92	8															5					19-20
20 50	26.760			89	8															5					20-21
21 50	26.750			92	8	8	CS	220												3	7	.030			21-22
22 50	26.740			89	7															3					22-23
23 50	26.720			89	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 0350		0	0		31	28										
	0350	1	0	0	0	34	28		0								
	0950	2	0	0	0	42	27		0								
	1548	3	0	0	0	51	42		0								
	2148	4	0	0	0	45	36		0								
	MID.		0	0	0	38	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.880	26.790	26.750
BAROGRAPH 64	26.830	26.870	26.780	26.740
BAR. CORR. 65	+.010	+.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	4PM 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	27	0	0	0	13	W	1033					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0652 SUNSET 1632

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 CORRECT TO NEAREST MINUTE AT: / 0500 / 1902 /

1450/1450

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC. 22, 1987

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

SURFACE WEATHER OBSERVATIONS

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	220- BKN	20			199	37	34	00	00		012	717 1008	CH
SA	0150	E220 OVC	20			189	36	34	09	04		009		CH
SA	0250	E220 OVC	20			185	38	33	12	04		007		CH
SA	0350	E220 OVC	20			179	35	33	02	04		005	720 1007 35 RADAT 22134	AD
SA	0450	E220 OVC	20			175	34	33	00	00		003		AD
SA	0550	E220 OVC	20			168	33	32	06	05		001		AD
SA	0650	160 SCT E220 OVC	20			170	33	31	07	04		001	6~~20~~ 14 1078	AD
SA	0750	100 SCT E220 OVC	20			168	37	33	00	00		001		AD
SA	0850	100 SCT E220 OVC	20			158	40	33	00	00		999		AD
SA	0950	100 SCT 220 - OVC	20			151	45	32	14	05		997	810 1071 32	AD
SA	1050	100 SCT 220 - BKN	20			140	46	32	13	09		994		AD
SA	1150	100 SCT 220 - BKN	20			116	48	31	14	06		987	PRESFR	AD
SA	1250	100 SCT 220 - BKN	20			102	50	32	26	06		984	741 1071	AD
SA	1350	100 SCT E220 BKN	20			097	48	35	23	05		982		AD
SA	1450	E100 BKN 220 OVC	20			091	48	35	24	04		981	MTN TPS OBSCD	AD
SA	1550	E 90 BKN 220 OVC	20			086	47	37	18	04		979	717 1071 51	
													RADAT 95077	CH
SA	1650	E90 OVC	10			086	47	37	26	04		979		CH
SA	1750	E90 OVC	10			077	46	38	15	05		975		CH
SA	1850	E 90 OVC	10			069	46	38	00	00		973	817 1071	CH
SA	1950	M 38 OVC	10			067	45	39	00	00		973		CH
SA	2050	M 32 OVC	7		R-	063	44	39	22	07		972	RB 41	CH
SP	2122	M 21 OVC	7		R-				03	14		973		CH
SA	2150	M 21 OVC	6		R-	075	36	35	04	07		975	30702 1611 51	CH
SA	2250	E 20 OVC	6		R-	086	35	35	24	08		979		CH
SA	2350	E 20 OVC	6		R-	090	35	35	11	05		980		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 22, 1987

To convert L.S.T. 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	26.700			89	6	6	CS	220											2	7	.050			00-01
01	50	26.680			92	10														8					01-02
02	50	26.660			82	10														10					02-03
03	50	26.640			92	10	10	CS	E220											10	7	.060			03-04
04	50	26.620			96	10														10					04-05
05	50	26.600			96	10														10					05-06
06	50	26.600			92	10	3	AC	160	7	CS	E220	10							6	6	~~.040~~ .060			06-07
07	50	26.600			85	10														7					07-08
08	50	26.580			76	10														8					08-09
09	50	26.570			60	10	3	AC	100	7	CI	220	10							4	8	.030			09-10
10	50	26.540			58	8														3					10-11
11	50	26.480			52	7														3					11-12
12	50	26.450			50	7	3	AC	100	4	CI	220	7							3	7	.120			12-13
13	50	26.430			61	7														5					13-14
14	50	26.420			61	10														4					14-15
15	50	26.400			68	10	8	AC	E40	2	CI	220	10							7	7	.020			15-16
16	50	26.400			68	10														10					16-17
17	50	26.370			74	10														10					17-18
18	50	26.350			74	10	10	AC	E90											10	8	.050			18-19
19	50	26.350			79	10														10					19-20
20	50	26.340			83	10														10					20-21
21	50	26.370			96	10	10	ST	M21											10	3	.020			21-22
22	50	26.400			99	10														10					22-23
23	50	26.410			99	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 0350		0	0		38	35										
	0350	1	0	0	0	38	35		0								
	0950	2	0	0	0	45	32		0								
	1548	3	0	0	0	51	44		0								
	2148	4	.02	0	0	47	36		2								
	MID.		.17	0		37	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.570	26.400	26.370
BAROGRAPH 64	26.640	26.570	26.400	26.360
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 UNMLTD (Ins.) 69	4 AM 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	32	.19	0	0	24	NE	2123					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	2041	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0653 SUNSET 1632

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 CORRECT TO NEAREST MINUTE AT: / 0500/2001 /

* MICRO BAROGRAPH CHANGED 0958L

0650/APP-614/1000-1-5

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC. 23, 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	E 26 OVC	7		R-	092	36	36	01	04		981	11720 1611	CH
SA	0150	E 24 OVC	7		R-	105	36	36	00	00		984		CH
SA	0250	E 28 BKN	7			113	36	35	06	04		986	RE 33	CH
SA	0351	E 28 BKN	10			116	35	26	02	15		987	12022 1500 35 26024	JS
													RADAT 65046	
SP	0410	28 SCT 65 SCT	10						02	15	G25	987		JS
SA	0452	30 SCT 65 SCT	10			120	34	20	02	14		988		JS
SA	0553	65 SCT	20			136	32	20	02	05		992		JS
SA	0650	CLR	20			143	32	16	01	08		994	Sc TRG MTNS E-SE	JS
													220 1500	
SA	0755	CLR	20			146	33	16	02	06		995	Sc TRG MTNS SE	JS
SA	0854	CLR	20			156	34	12	03	10		998	Sc SE-S	JS
SA	0951	CLR	20			167	35	13	05	10		001	Sc SE-S / 219 1500 31	JS
SA	1050	CLR	20			160	36	7	01	16		998	Sc E-S	JS
SA	1152	CLR	20			150	38	8	05	13		996	Sc E-S	JS
SA	1250	65 SCT	20			144	38	7	36	15	G22	994	720 1500	JS
SA	1354	65 SCT	20			137	38	8	02	12		992		JS
SA	1450	65 SCT 120 SCT	20			140	37	8	03	12	G22	993		JS
SA	1556	60 SCT 120 SCT	20			142	36	9	02	13	G21	993	502 1530 39 RADAT 24041	HS
SA	1658	60 SCT 120 SCT	20			147	32	13	04	15		993		HS
SA	1754	CLR	20			148	32	14	04	13		993	FEW SC	HS
SA	1850	120-SCT	20			149	31	15	03	07		993	FEW SC 400 1530	HS
SA	1953	60SCT	20			152	30	13	03	10		994		HS
SA	2050	CLR	20			153	29	13	03	13		994		HS
SA	2152	CLR	20			152	28	12	04	13		994	103 1030 39	HS
SA	2252	CLR	20			149	27	11	05	14	G27	993		HS
SA	2350	CLR	20			148	26	10	05	15		993		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iqrcbVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups

SUPERSEDES MF 1-10A (4-83) WHICH MAY BE USED

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 23, 1987

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. Humid. (%) 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	Sum. Ma. Amt. Total 28	Third Layer Amt 29	Third Layer Type 30	Third Layer Height 31	Sum. Ma. Amt. Total 32	Fourth Layer Amt 33	Fourth Layer Type 34	Fourth Layer Height 35	Total Obscuring Sky Cover 36	Pres. Sury Rate 37	Net 3 hr. Change (Ins.) 38	Sunshine (Min.) 39	Precipitation (Ins.) 40	Hr.
00 50	26.420			99	10	10	ST	E26												10	1	.050			00-01
01 50	26.450			99	10															10					01-02
02 50	26.470			96	7															7					02-03
03 51	26.480			68	7	7	Sc	28												7	1	.060			03-04
04 52	26.490			55	3															3					04-05
05 53	26.520			60	1															1					05-06
06 50	26.540			51	0	0	Sc	65												0	2	.060			06-07
07 55	26.550			50	0															0					07-08
08 54	26.515			40	0															0					08-09
09 51	26.595			39	0	0	Sc	65												0	2	.055			09-10
10 50	26.575			29	0															0					10-11
11 52	26.555			28	0															0					11-12
12 50	26.555			28	1	1	Sc	65												1	7	.060			12-13
13 54	26.510			28	1															1					13-14
14 50	26.5[illegible]			29	2															2					14-15
15 56	26.530			33	3	2	Sc	60	1	Ac	120	3								3	6	.005			15-16
16 58	26.530			45	2															2					16-17
17 54	26.530			48	0															0					17-18
18 50	26.530			53	1	0	Sc	60	1	Ac	120	1								0	4	.000			18-19
19 53	26.540			51	1															1					19-20
20 50	26.540			52	0															0					20-21
21 52	26.540			52	0	0	Ac	120												0	1	.010			21-22
22 52	26.530			51	0															0					22-23
23 50	26.530			51	0															0					23-24

SYNOPTIC OBSERVATIONS

Time (G.M.T.) 41	Time (L.S.T.) 42	No. 43	Precip. (Ins.) 44	Snow Fall (Ins.) 45	Snow Depth (Ins.) 46	Max. Temp. (°F) 47	Min. Temp. (°F) 48	49	State of Grnd. 50	51	52	53	54	55	Soil Temp. 56	57	58
	MID. TO 0347	X	.05	0	X	37	35	X	X						X		
	0349	1	.22	0	0	37	35		1								
	0949	2	0	0	0	36	31		0								
	1554	3	0	0	0	39	35		0								
	2150	4	0	0	0	36	28		0								
	MID.	X	0	0	0	28	26	X	X						X		

STATION PRESSURE COMPUTATIONS

Time (L.S.T.) 59	0351	0957	1555	2151
Att. Therm. 60				
Observd. Bar. 61				
Total Corr. 62				
Sta. Press. 63	26.480	[illegible]	26.530	26.540
Barograph 64	26.475	26.585	26.540	26.550
Bar. Corr. 65	+.005	+.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
39	26	.05	0	0	27	NE	2249					1	2		

WEATHER & OBSTRUCTIONS TO VISION

Type 82	Began 83	Ended 84	Type 86	Began 87	Ended 88
R-	CONT	0233			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0653 SUNSET 1633

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0351 / 1955 /

0351/24HR PCPN 20024/1024 1-5

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 24 1987

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

TYPE (11)	TIME (LST) (12)	SKY AND CEILING (Hundreds of Feet) (31)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (10)	TEMP (°F) (17)	DEW PT. (°F) (18)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (132)	OBSERVER INITIALS (135)
SA	0050	CLR	20			144	26	9	05	16		992	707	HS
SA	0150	CLR	20			144	26	10	04	12	G22	992		HS
SA	0250	CLR	20			145	25	8	06	16	G24	992		HS
SA	0350	CLR	20			150	24	11	06	11		993	303 24 RAUNT ZERO	JS
SA	0451	CLR	20			155	24	11	06	13		994		JS
SA	0550	CLR	20			161	24	12	07	08		995		JS
SA	0651	40 SCT	20			163	26	13	05	13		996	208 1500	JS
SA	0754	M60 BKN	20			166	28	12	04	14		997		JS
SA	0853	60 SCT 220-BKN	20			174	28	12	04	12	G21	000	~~SCT UNK 360 TRC MTS~~ SE	JS
SA	0954	60 SCT 140 SCT 250-SCT	20			174	31	12	05	15	G24	000	ACSL [illegible] 112 1541 24	JS
SA	1053	60 SCT 140 SCT 250-SCT	20			174	32	11	05	14	G21	000	ACSL [illegible]	JS
SA	1150	F 60 CHN 140 BKN	20			166	33	11	04	18		997	ACSL [illegible]	JS
SA	1253	[illegible] BKN	20			166	33	10	03	15	G22	997	808 1500	JS
SA	1351	[illegible] BKN	20			162	31	9	03	13	G21	996		JS
SA	1452	60 SCT	20			163	29	8	06	16	G24	996		JS
SA	1550	60 SCT	20			164	34	8	02	14	G22	996	607 1500 35 RADAT 20035	HS
SA	1650	60 SCT	20			166	32	8	04	14		996		HS
SA	1750	60 SCT	20			168	31	7	02	16		997		HS
SA	1853	CLR	20			173	30	6	01	18	G30	999	FEW SC 307 1500	HS
SA	1952	CLR	20			177	28	6	01	19	G26	000		HS
SA	2050	CLR	20			176	27	5	01	22	G33	000		HS
SA	2150	CLR	20			177	26	5	01	20	G28	000	SC SE 163 1500 35	HS
SA	2251	CLR	20			183	26	3	02	23	G33	002	SC SE	HS
SA	2350	CLR	20			179	25	3	02	22	G31	001	SC SE	HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 24 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520			48	0															0	7	.020			00-01
01 50	26.520			51	0															0					01-02
02 50	26.520			49	0															0					02-03
03 50	26.530			57	0															0	3	.010			03-04
04 51	26.535			56	0															0					04-05
05 50	26.550			58	0															0					05-06
06 51	26.555			57	3	3	SC	40												3	2	.005			06-07
07 54	26.570			52	8															8					07-08
08 53	26.565			51	8															4					08-09
09 54	26.550			45	4	1	SC	~~40~~ 60	1	ACC	140	2	2	CI	250	4				2	1	.005			09-10
10 53	26.570			41	4															2					10-11
11 50	26.570			39	8															8					11-12
12 53	26.565			37	8	8	SC	60												8	8	.002			12-13
13 51	26.565			34	6															6					13-14
14 52	26.560			32	4															4					14-15
15 50	26.560			34	5	5	SC	60												5	6	[illegible]			15-16
16 50	26.560			36	2															2					16-17
17 50	26.565			37	1															1					17-18
18 53	26.580			36	0	0	SC	60												0	3	.020			18-19
19 52	26.590			39	0															0					19-20
20 [illegible]	26.[illegible]			39	0															0					20-21
21 [illegible]	26.[illegible]			54	0	0	SC	60												0	1	[illegible]			21-22
22 51	26.610			38	0															0					22-23
23 50	26.600			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 0348	X	0	0	X	26	24	X	X						X		
	0348	1	0	0	0	28	24		0								
	0950	2	0	0	0	32	24		0								
	1548	3	0	0	0	35	31		0								
	2148	4	0	0	0	34	26		0								
	MID.	X	0	0	0	26	25	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0954	1549	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.570	26.560	26.57[illegible]
BAROGRAPH 64	26.565	26.580	26.560	26.[illegible]
BAR. CORR. 65	[illegible]	[illegible]	[illegible]	[illegible]

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
35	24	0	0	0	33	N	2242					6	3		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0654 SUNSET 1633

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 CORRECT TO NEAREST MINUTE AT: 1032P/1856

2:50/2:50 0853/0853

* LAST OF SEVERAL OCCURANCES

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBMO, DESERT ROCK, NV

DATE: DEC 25 1987

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 (360-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
SA	0050	CLR	20			184	24	2	03	18	G28	002	SC SE 107 1500	HS
SA	0151	CLR	20			181	24	2	05	15	G26	002	SC SE	HS
SA	0250	CLR	20			184	23	2	04	14		002	SC SE	HS
SA	0354	CLR	20			187	23	0	03	16		003	SC SE / 300 1500	JS
													22 RAIAT 20043	
SA	0450	CLR	20			184	23	-1	02	20	G29	002	SC SE	JS
SA	0550	CLR	20			189	24	-2	05	10		003	SC SE	JS
SA	0650	CLR	20			201	22	-1	09	06		006	SC SE / 310 1500	JS
SA	0750	CLR	20			208	25	-2	08	10		008	SC N SE	JS
SA	0854	CLR	20			208	28	-3	04	12	G22	008	SC SE	JS
SA	0955	CLR	20			210	31	-2	05	10	G20	009	SC SE / 310 1500 21	JS
SA	1057	CLR	20			205	33	-1	05	12	G22	008	SC SE	JS
SA	1153	CLR	20			198	36	0	02	10	G22	007	ACSL SE	JS
SA	1251	CLR	20			190	37	1	02	10	G20	005	ACSL SE / 800 ACSL	JS
SA	1350	CLR	20			191	36	2	03	15	G26	002		JS
SA	1450	CLR	20			194	37	1	00	14		002		JS
SA	1551	CLR	20			188	38	2	08	10		004	SC02 39 RAIAT 20043	HS
SA	1650	CLR	20			194	35	5	08	10		005		HS
SA	1750	CLR	20			201	34	6	09	05		007		HS
SA	1850	CLR	20			207	35	7	09	10		008	214	HS
SA	1952	CLR	20			211	32	9	05	10		009		HS
SA	2050	CLR	20			210	34	8	05	10		011		HS
SA	2152	CLR	20			221	31	9	04	11		014	317 39	HS
SA	2250	CLR	20			220	33	8	05	13		014		HS
SA	2350	CLR	20			221	28	10	04	12		014		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO: 1984-0-764-006/5085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 2[illegible]

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	26.610			38	0	0	Sc	60												0	1	.020			00-01
01 50	26.605			37	0															0					01-02
02 50	26.610			40	0															0					02-03
03 54	26.620			38	0	0	Sc	60												0	3	.010			03-04
04 50	26.605			34	0															0					04-05
05 50	26.620			32	0															0					05-06
06 50	26.630			35	0	0	Sc	60												0	3	.050			06-07
07 50	26.665			32	0															0					07-08
08 54	26.670			25	0															0					08-09
09 55	26.680			24	0	0	Sc	60												0	2	.020			09-10
10 51	26.670			23	0															0					10-11
11 53	26.655			21	0															0					11-12
12 57	26.655			21	0	0	Ac	140												0	8	.045			12-13
13 52	26.620			21	0															0					13-14
14 50	26.620			20	0															0					14-15
15 51	26.630			21	0															0	5	.025			15-16
16 50	26.640			28	0															0					16-17
17 50	26.660			30	0															0					17-18
18 50	26.670			31	0															0	2	.040			18-19
19 52	26.680			38	0															0					19-20
20 50	26.690			33	0															0					20-21
21 52	26.720			39	0															0	3	.050			21-22
22 50	26.720			36	0															0					22-23
23 50	26.720			45	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 0850	X	0	0	X	25	22	X	X						X		
	0850	1	0	0	0	26	22		0								
	0850	2	0	0	0	31	21		0								
	1549	3	0	0	0	39	31		0								
	2150	4	0	0	0	38	30		0								
	MID.	X	0	0	0	33	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0254	0855	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.630	26.630	26.720
BAROGRAPH 64	26.625	26.630	26.640	26.735
BAR. CORR. 65	-.005	+.00	+.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 UNTIL 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	21	0	0	0	32	N	0003					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 0654 SUNSET 1634

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 CORRECT TO NEAREST MINUTE AT: 1033 / 1855 /

0200 WIND GUST RECORDER - INOPERATIVE – IN Service 0335

MF 1-10A
(5-83)

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

STATION: WMO, DESERT ROCK, NV

DATE: DEC 26 1987

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

SURFACE WEATHER OBSERVATIONS

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 INITIALS (15)
SA	0050	CLR	20			212	29	10	04	15		012	807	HS
SA	0150	CLR	20			219	28	11	10	04		014		HS
SA	0250	CLR	20			222	28	10	10	15		015		HS
SA	0354	CLR	20			227	29	10	04	10		017	215 26 RAINT ZERO	JS
SA	0450	CLR	20			227	27	10	02	06		016		JS
SA	0551	CLR	20			236	24	9	32	03		017		JS
SA	0650	CLR	20			246	21	11	11	08		019	308	JS
SA	0750	CLR	20			250	26	11	34	05		021		JS
SA	0853	CLR	20			246	33	11	00	00		023		JS
SA	0954	CLR	20			246	37	11	07	07		023	110 21	JS
SA	1052	CLR	20			244	38	11	16	04		023		JS
SA	1154	CLR	20			238	41	10	12	07		020		JS
SA	1250	CLR	20			230	42	10	00	00		018	814	JS
SA	1350	CLR	20			226	43	12	13	06		017		JS
SA	1450	CLR	20			226	43	13	15	10		017		JS
SA	1550	CLR	20			227	41	14	13	10		017	605 1001 43 RADAT 34044	HS
SA	1650	CLR	20			236	37	16	22	09		018		HS
SA	1750	CLR	20			246	32	18	00	00		019		HS
SA	1850	CLR	20			254	29	20	06	07		020	210	HS
SA	1951	CLR	20			256	28	20	08	04		022		HS
SA	2050	CLR	20			253	28	20	08	06		023		HS
SA	2150	CLR	20			256	25	20	07	05		024	210 43	HS
SA	2250	CLR	20			256	25	19	36	05		024		HS
SA	2350	CLR	20			249	27	18	35	07		023		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Uiii $^{2}R_{ix}h_{VV}$, Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 26 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.760			45	0															0	8	.020			00-01
01 50	26.720			50	0															0					01-02
02 50	26.730			45	0															0					02-03
03 54	26.745			46	0															0	2	.045			03-04
04 50	26.735			48	0															0					04-05
05 51	26.750			54	0															0					05-06
06 50	26.770			65	0															0	3	.065			06-07
07 50	26.785			54	0															0					07-08
08 53	26.795			34	0															0					08-09
09 54	26.800			34	0															0	1	.010			09-10
10 52	26.795			32	0															0					10-11
11 54	26.775			28	0															0					11-12
12 50	26.760			26	0															0	8	.040			12-13
13 52	26.750			28	0															0					13-14
14 50	26.750			30	0															0					14-15
15 50	26.750			32	0	0	Ci	250												0	6	.010			15-16
16 50	26.760			44	0															0					16-17
17 50	26.770			55	0															0					17-18
18 50	26.780			69	0															0	2	.030			18-19
19 51	26.790			70	0															0					19-20
20 50	26.800			73	0															0					20-21
21 50	26.810			81	0															0	2	.030			21-22
22 50	26.810			76	0															0					22-23
23 50	26.800			67	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		30	26										
	0350	1	0	0	0	33	26		0								
	0950	2	0	0	0	37	21		0								
	1548	3	0	0	0	43	37		0								
	2148	4	0	0	0	41	25		0								
	MID.		0	0	0	28	24										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.745	26.800	26.750	26.810
BAROGRAPH 64	26.760	26.814	26.750	26.810
BAR. CORR. 65	-.015	+.013	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
43	21	0	0	0	18	E	0251					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0654 SUNSET 1634

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 CORRECT TO NEAREST MINUTE AT: 1042Z / 1845 /

*BAROGRAPH CHANGED AT 0958

☆ U.S. Government Printing Office: 1986—654 383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 27 1987

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=N) (9)	WIND SPEED (Kts.) (10)	WIND DISCHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			254	25	18	00	00		024	500	HS
SA	0150	CLR	20			252	24	18	00	00		024		HS
SA	0250	CLR	20			254	23	17	07	03		024		HS
SA	0350	CLR	20			256	22	16	02	06		024	400 22 RADAT ZERO	Lca
SA	0450	CLR	20			261	23	16	13	03		025		Lca
SA	0550	CLR	20			260	22	15	00	00		025		Lca
SA	0650	CLR	20			271	23	15	00	00		026	307	Lca
SA	0750	CLR	20			271	28	15	00	00		026		Lca
SA	0850	CLR	20			270	33	15	06	03		027		Lca
SA	0950	CLR	20			271	35	14	03	04		027	103 21	Lca
SA	1050	CLR	20			260	39	14	18	06		025	FEW Cu Ci S-W	Lca
SA	1150	CLR	20		255	~~248~~	41	13	18	06		025	Ci S-SW	Lca
SA	1250	~~CLR~~ 250 SCT	20			257	41	13	16	04		023	814 1001	Lca
SA	1350	250 SCT	20		237	~~247~~	44	15	23	04		019		Lca
SA	1450	250-BKN	20			228	41	15	00	00		018		Lca
SA	1558	250-OVC	20			234	40	16	00	00		019	512 1001 45	DC
													RADAT 45049	
SA	1650	250-OVC	20			246	37	17	16	08		020		DC
SA	1756	250 -OVC	20			251	34	21	11	06		022		DC
SA	1856	E 140 OVC	20			251	34	20	10	09		022	107 107/	DC
SA	1956	140 SCT E 250 OVC	20			255	33	19	10	11		024		DC
SA	2055	CLR	20			252	32	18	08	08		024		DC
SA	2158	CLR	20			252	30	19	36	06		024	107 45	DC
SA	2255	CLR	20			251	28	20	36	07		024		DC
SA	2355	CLR	20			246	26	20	01	06		023		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 27 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.810			75	0															0	5	.000			00-01
01 50	26.810			80	0															0					01-02
02 50	26.810			77	0															0					02-03
03 50	26.810			78	0															0	4	.000			03-04
04 50	26.820			74	0															0					04-05
05 50	26.820			74	0															0					05-06
06 50	26.830			71	0															0	3	.020			06-07
07 50	26.830			58	0															0					07-08
08 50	26.840			47	0															0					08-09
09 50	26.840			42	0															0	1	.010			09-10
10 50	26.820			36	0															0					10-11
11 50	26.820			31	0															0					11-12
12 50	26.800			31	1	1	CI	250												1	8	.040			12-13
13 50	26.770			31	2															2					13-14
14 50	26.760			33	6															2					14-15
15 58	26.765			37	10	10	CI	250												4	5	.035			15-16
16 50	26.780			44	10															4					16-17
17 56	26.785			59	10															4					17-18
18 56	26.785			56	10	10	AC	E140												10	1	.020			18-19
19 56	26.805			56	10															7					19-20
20 55	26.805			56	0															0					20-21
21 58	26.805			63	0															0	1	.020			21-22
22 56	26.805			72	0															0					22-23
23 55	26.795			78	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	28	22	X	X						X		
	0347	1	0	0	0	28	22		0								
	0947	2	0	0	0	35	21		0								
	1550	3	0	0	0	45	35		0								
	2150	4	0	0	0	40	28		0								
	MID.	X	0	0	0	31	26	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.840	26.765	26.805
BAROGRAPH 64	26.815	26.845	26.775	26.800
BAR. CORR. 65	-.005	-.005	-.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 (Knts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
45	21	0	0	0	13	E	1958					2	2		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0655 SUNSET 1635

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 CORRECT TO NEAREST MINUTE AT: 1045 / 2000 /

1150/1150

1250/1250

1350/1350

* LAST OF SEVERAL OCCURRENCES

WEATHER & OBSTRUCTIONS TO VISION

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

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 28 1987

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)	SERVICE (15)
SA	0056	CLR	20			245	25	20	35	04		022	807	DC
SA	0155	CLR	20			245	24	19	04	05		022		DC
SA	0255	CLR	20			246	25	19	07	05		022		DC
SA	0350	CLR	20			243	26	17	08	07		020	802 24 RADAT ZERO	Dca
SA	0450	CLR	20			243	28	16	00	00		020		Dca
SA	0550	140 SCT E250 BKN	20			245	27	18	12	10		020		Dca
SA	0650	250 - BKN	20			245	28	16	14	05		020	400 1031	Dca
SA	0750	250 - BKN	20			245	30	18	29	05		020		Dca
SA	0850	E 250 OVC	20			242	35	16	13	05		020	FEW Ac	Dca
SA	0950	250 - OVC	20			242	36	17	12	12		020	400 1007 24	Dca
SA	1050	150 SCT 250 - BKN	20			238	39	17	14	11		019		Dca
SA	1150	150 SCT 250 SCT	20			228	41	18	12	10		016	Cu DSNT W	Dca
SA	1252	250 SCT	20			214	43	18	12	10		013	Cu SW-W/824 1101	Dca
SA	1350	250 SCT	20			212	45	18	17	08		013	Ac E-W	Dca
SA	1450	150 SCT 250 SCT	20			208	45	17	20	06		012		Dca
SA	1557	M55 BKN 250 OVC	20			214	43	19	13	08		013	500 1508 46	DC
SA	1655	M50 BKN 250 OVC	20			211	40	20	12	08		013	RADAT 44057	DC
SA	1751	50 SCT 250-OVC	20			214	37	23	12	14		012		DC
SA	1858	E 80 BKN	20			214	36	19	12	15		012	603 1030	DC
SA	1955	80 SCT	20			219	34	20	07	10		014		DC
SA	2057	80 SCT	20			215	32	22	11	07		013		DC
SA	2157	M55 BKN	20			214	35	19	11	10		014	205 1500 46	DC
SA	2258	M60 BKN	20			211	33	20	11	07		013		DC
SA	2356	60 SCT	20			206	32	20	07	09		012		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

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

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 28 1987

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. HUMID. (%) 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	56	26.785		81	0															0	8	.020			00-01
01	55	26.790		81	0															0					01-02
02	55	26.790		78	0															0					02-03
03	50	26.780		68	0															0	8	.005			03-04
04	50	26.780		60	0															0					04-05
05	50	26.780		69	8															6					05-06
06	50	26.780		60	8	0	Ac	140	8	Ci	250	8								3	4	.000			06-07
07	50	26.780		61	9															4					07-08
08	50	26.780		47	10															6					08-09
09	50	26.780		46	10	10	Cs	250												5	4	.000			09-10
10	50	26.770		41	7															3					10-11
11	50	26.745		39	4															3					11-12
12	52	26.710		36	2	0	Cu	60	2	Ci	250	2								2	8	.070			12-13
13	50	26.710		34	3															2					13-14
14	50	26.700		32	4															3					14-15
15	57	26.710		38	10	9	Sc	m55	1	Cs	250	10								9	5	.000			15-16
16	55	26.705		44	10															6					16-17
17	51	26.700		57	10															4					17-18
18	58	26.700		50	6	6	AC	E80												6	6	.010			18-19
19	55	26.715		56	2															2					19-20
20	57	26.710		66	1															1					20-21
21	57	26.715		52	8	8	Sc	m55												8	2	.015			21-22
22	58	26.710		59	6															6					22-23
23	56	26.700		61	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		26	24										
	0348	1	0	0	0	31	24		0								
	0948	2	0	0	0	36	25		0								
	1550	3	0	0	0	46	36		0								
	2150	4	0	0	0	43	32		0								
	MID.		0	0	0	35	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.780	26.710	26.715
BAROGRAPH 64	26.780	26.780	26.700	26.705
BAR. CORR. 65	0	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 (Mph) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73 *	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TYPE 75	FROZEN GROUND LAYER (Ins.) DEPTH 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO SUNRISE 79	WATER EQUIV. (Ins.) 80	81
46	24	0	0	0	20	SE	1837					7	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 0655 SUNSET 1635

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10402 / 1715 /

* LAST OF SEVERAL OCCURRENCES

WSMO DESERT ROCK NV.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 29 1987

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 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 INITIALS (15)
SA	0054	CLR	20			204	31	19	11	09		012	707 1500	DC
SA	0156	CLR	20			201	29	20	03	03		011	SC W	DC
SA	0257	CLR	20			200	30	19	13	06		011		DC
SA	0350	CLR	20			193	29	21	30	06		007	810 28 RADAT 64H0360	DC
													52	
SA	0450	CLR	20			191	27	20	00	00		006		Eca
SA	0550	CLR	20			197	27	19	00	00		007		Eca
SA	0650	CLR	20			195	27	19	02	03		006	805	Eca
SA	0750	CLR	20			194	31	22	06	05		006	FEW SC SE-NW	Eca
SA	0852	CLR	20			187	37	19	07	06		005	SC W-NW	Eca
SA	0950	CLR	20			179	40	18	21	04		004	807 1500 25	Eca
SA	1050	CLR	20			166	44	19	29	04		001	SC S-NW CI N-S	Eca
SA	1150	250-SCT	20			147	45	23	28	04		995	SC ALQDS	Eca
SA	1254	250 SCT	20			141	46	21	21	12		992	SC ALQDS/737 1501	Eca
SA	1352	60 SCT E250 BKN	20			139	45	22	26	12		990		Eca
SA	1452	M55 BKN 140 OVC	20			139	44	22	23	17		990	CIG RGD	Eca
SA	1557	E45 OVC	20			132	41	23	23	13		990	SW OBSCG MTNS SE-S	DC
													/ 607 102 / 47	
													RADAT S4052	
SP	1635	E25 OVC	15						20	07		990	SW OBSCG MTN TPS	DC
													ALQDS BINOVC SW	
RS	1652	25 SCT E40 OVC	15		S-	130	40	27	18	13		988	BINOVC SW SB05E12	DC
													B45	
SA	1755	35 SCT E100 OVC	20			128	38	28	18	15	G20	987	SE 05	DC
SA	1855	40 SCT 100 SCT	20			130	38	25	22	19	G27	988	SO500 1230	DC
SA	1951	M38 BKN	20			130	37	28	20	16	G22	988		DC
SA	2057	M38 BKN	20			127	37	27	21	16		990		DC
SA	2156	M38 BKN	20			131	38	26	20	18	G25	991	30800 1200 47	DC
SA	2256	E45 BKN 75 OVC	20		SW-	136	37	27	21	19	G27	993	PCPN VRY LGT SB30	DC
SA	2356	M38 BKN	20			136	36	27	20	19	G24	993	SE10	DC

A synoptic observation using WMO code FM12-VII, as inscribed in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 29 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.695			61	0	0	SC	60												0	7	.020			00-01
01 56	26.690			69	0															0					01-02
02 57	26.685			63	0															0					02-03
03 50	26.665			72	0															0	8	.030			03-04
04 50	26.650			75	0															0					04-05
05 50	26.660			72	0															0					05-06
06 50	26.650			72	0															0	8	.015			06-07
07 50	26.650			69	0															0					07-08
08 52	26.640			48	0															0					08-09
09 50	26.630			41	0	0	Sc	60												0	8	.020			09-10
10 50	26.600			39	0															0					10-11
11 50	26.550			42	1															0					11-12
12 54	26.520			37	1	0	Sc	60	1	Ci	250	1								1	7	.110			12-13
13 52	26.500			40	7															5					13-14
14 52	26.500			42	10															9					14-15
15 57	26.500			49	10	10	NS	E45												10	6	.020			15-16
16 52	26.490			60	10															10					16-17
17 55	26.480			67	10															10					17-18
18 55	26.485			59	4	3	Cu	40	1	AC	100	4								4	5	.015			18-19
19 51	26.440			70	8															8					19-20
20 57	26.495			67	9															9					20-21
21 56	26.510			62	9	9	Cu	M38												9	3	.025			21-22
22 56	26.530			67	10															10					22-23
23 56	26.530			70	9															9					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 0348		0	0		32	28										
	0348	1	0	0	0	35	28		0								
	0948	2	0	0	0	40	25		0								
	1550	3	0	0	0	47	40		0								
	2148	4	T	T	0	41	37		0								
	MID.		T	T	0	38	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.665	26.630	26.500	26.510
BAROGRAPH 64	26.665	26.630	26.500	26.505
BAR. CORR. 65	0	0	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 UNKL TO (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
47	25	T	T	0	31	SW	1910					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	1605	1612			
S-	1645	1705			
SW-	2230	2310			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0655 SUNSET 1636

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 CORRECT TO NEAREST MINUTE AT: 10405/2005 /

T – MELTED AS IT FELL

WSMO DESERT ROCK NV

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 30 1987

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 (in.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	M 38 BKN	20			144	36	26	22	13	G24	995	21400 1200	DC
SA	0156	M 38 BKN	20			151	35	27	23	13		997		DC
SA	0254	38 SCT	20			160	34	26	25	09		000		DC
SA	0350	38 SCT	20			168	33	25	26	09		001	21700 1100 33 RADAT 67041	[illegible]
SA	0450	CLR	20			177	32	25	29	08		003	FEW SC	[illegible]
SA	0556	CLR	20			190	30	25	35	03		006	FEW SC	[illegible]
SA	0652	40 SCT 230 SCT	20			204	28	24	35	07		009	227 1401	[illegible]
SA	0750	CLR	20			208	33	25	29	05		012	FEW SC CI	[illegible]
SA	0851	CLR	20			217	35	24	09	03		015	FEW SC CI	[illegible]
SA	0950	40 SCT 230 SCT	20			225	37	26	21	12		017	224 1401 28	[illegible]
SA	1052	40 SCT 230 SCT	20			229	38	25	23	12		018		[illegible]
SA	1152	35 SCT 230 SCT	20			224	40	25	22	13		017		[illegible]
SA	1253	35 SCT 230 SCT	20			220	41	26	23	10		016	803 1401	[illegible]
SA	1351	35 SCT 230 SCT	20			220	42	26	22	08		016		[illegible]
SA	1450	35 SCT 230 SCT	20			220	43	25	20	07		016		[illegible]
SA	1550	35 SCT 230 SCT	20			221	42	23	19	06		016	400 1401 43 RADAT 60049	AD
SA	1650	CLR	20			226	39	23	23	03		017		AD
SA	1750	CLR	20			241	33	26	04	05		019		AD
SA	1850	CLR	20			245	34	21	05	10		020	214	AD
SA	1950	CLR	20			250	34	20	03	08		023		AD
SA	2050	CLR	20			252	33	20	02	07		024		AD
SA	2150	CLR	20			257	29	21	00	00		025	214 43	AD
SA	2250	CLR	20			260	30	21	11	07		026		AD
SA	2350	CLR	20			262	30	21	14	04		027		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6685

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 30 1987

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 56	26.550			67	9	9	Cu	M38												9	2	.040			00-01
01 56	26.570			72	7															7					01-02
02 54	26.585			72	2															2					02-03
03 50	26.600			72	2	2	Cu	38												2	2	.050			03-04
04 50	26.620			75	0															0					04-05
05 56	26.650			82	0															0					05-06
06 52	26.680			85	1	1	Sc	40	0	Cl	230	1								1	2	.080			06-07
07 50	26.700			72	0															0					07-08
08 51	26.725			64	0															0					08-09
09 50	26.750			64	1	1	Sc	40	0	Cl	230	1								1	2	.070			09-10
10 52	26.760			59	2															2					10-11
11 52	26.750			55	3															3					11-12
12 53	26.740			55	2	2	Sc	35	0	Cl	230	2								2	8	.010			12-13
13 51	26.740			53	2															2					13-14
14 50	26.740			49	3															3					14-15
15 50	26.740			47	2	2	Sc	35	0	Cl	230	2								2	4	.000			15-16
16 50	26.750			52	0															0					16-17
17 50	26.770			75	0															0					17-18
18 50	26.780			59	0															0	2	.040			18-19
19 50	26.800			56	0															0					19-20
20 50	26.810			59	0															0					20-21
21 50	26.820			72	0															0	2	.040			21-22
22 50	26.830			69	0															0					22-23
23 50	26.840			69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		36	33										
	0345	1	T	T	0	38	33		0								
	0946	2	0	0	0	37	28		0								
	1550	3	0	0	0	43	37		0								
	2150	4	0	0	0	42	29		0								
	MID.		0	0	0	32	28										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.750	26.740	26.820
BAROGRAPH 64	26.59[illegible]	26.74[illegible]	26.74[illegible]	26.81[illegible]
BAR. CORR. 65	+.010	+.005	+.00[illegible]	+.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 UNTIL 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
43	28	0	0	0	28	SW	0030					2	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 0656 SUNSET 1637

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 CORRECT TO NEAREST MINUTE AT: 10644 / 1700 /

* BAROGRAPH CHANGED 1300PST

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 31, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			260	28	20	11	06		026	003	AD
SA	0150	CLR	20			260	27	19	15	05		026		AD
SA	0250	CLR	20			266	30	18	04	11		026		AD
SA	0356	CLR	20			257	30	16	04	13		026	400 25 RADAT ZERO	AD
SA	0453	CLR	20			258	31	16	04	16		026		AD
SA	0555	CLR	20			269	29	17	05	13		028		AD
SA	0655	CLR	20			275	28	15	05	12		029	310 1001	AD
SA	0750	CLR	20			278	30	16	05	11		030	FEW CI	AD
SA	0853	CLR	20			285	33	15	04	16	G21	033	FEW CI	AD
SA	0950	CLR	20			295	34	15	04	15		035	317 1001 25	AD
SA	1053	~~CLR~~ 250 - SCT	20			287	38	15	02	14		034		AD
SA	1151	250 - BKN	20			277	41	15	01	10		032		AD
SA	1250	250 - BKN	20			269	44	11	08	05		029	817 1001	AD
SA	1351	250 - BKN	20			265	45	12	08	04		028		AD
SA	1451	250 - BKN	20			263	45	11	24	03		028		AD
SA	1550	250 - BKN	20			264	43	8	11	05		028	603 1001 46 RADAT 32054	AD
SA	1650	250 - BKN	20			270	39	10	09	08		029		AD
SA	1750	250 - BKN	20			279	33	17	05	08		030		AD
SA	1850	250 - BKN	20			287	34	16	05	12		033	214 1001	AD
SA	1950	250 - ~~B~~SCT	20			295	33	14	04	16		035		AD
SA	2050	250 - SCT	20			296	32	13	04	18		036		AD
SA	2150	250 SCT	20			300	32	13	04	14		037	214 1002 46	AD
SA	2250	250 SCT	20			301	32	12	04	15		038		AD
SA	2350	250 SCT	20			294	32	12	04	14		037		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: DEC 31, 1987

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	HRS.
00 SD	26.830			72	0															0	0	.010			00-01
01 SD	26.830			72	0															0					01-02
02 SD	26.830			61	0															0					02-03
03 56	26.830			56	0															0	4	.030			03-04
04 53	26.830			53	0															0					04-05
05 55	26.845			61	0															0					05-06
06 55	26.860			58	0	0	CI	250												0	3	.030			06-07
07 50	26.870			56	0															0					07-08
08 53	26.890			47	0															0					08-09
09 50	26.910			45	0	0	CI	250												0	3	.050			09-10
10 53	26.900			39	1															0					10-11
11 51	26.880			34	7															0					11-12
12 50	26.860			26	9	9	CI	250												2	8	.050			12-13
13 51	26.850			26	9															2					13-14
14 51	26.850			25	9															2					14-15
15 50	26.850			23	9	9	CI	250												2	6	.010			15-16
16 50	26.860			30	8															2					16-17
17 50	26.870			51	7															2					17-18
18 50	26.890			48	6	6	CI	250												2	2	.040			18-19
19 50	26.910			45	5															2					19-20
20 50	26.920			45	4															1					20-21
21 50	26.930			45	3	3	CI	250												2	2	.040			21-22
22 50	26.940			43	2															2					22-23
23 50	26.930			43	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	31	25	X	X						X		
	0352	1	0	0	0	32	25		0								
	0945	2	0	0	0	34	28		0								
	1550	3	0	0	0	46	34		0								
	2150	4	0	0	0	43	32		0								
	MID.	X	0	0	0	32	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.910	26.850	26.930
BAROGRAPH 64	26.835	26.900	26.850	26.930
BAR. CORR. 65	-.005	+.010	+/- Ø	+/- Ø

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	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	25	0	0	0	22	NE	0825					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1638

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1 0543 / 1700 /

1053/1053
1950/1950