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, Nevada

MONTH: December

YEAR: 1985

LATITUDE: 36° 39' 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 4AM	WIND AVERAGE SPEED Knots	Peak SPEED Knots	DIRECTION	Ave. STN Press.	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 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	53	37	45		20	0	T	0	0	2.7	7	N	26.60		9	R-	82	52	59	80
2	53	42	48		17	0	0.25	0	0	7.2	31	S	26.54		10	R-, RW-	93	82	65	86
3	55	39	47		18	0	0	0	0	7.1	18	SE	26.74		6		86	80	72	82
4	57	35	46		19	0	0	0	0	5.5	16	SE	26.82		0		89	63	55	86
5	58	37	48		17	0	0	0	0	4.4	15	SE	26.73		6		88	71	57	86
6	59	34	47		18	0	0	0	0	4.8	17	NE	26.76		2		95	48	43	76
7	58	34	46		19	0	0	0	0	6.2	19	SW	26.66		3		78	60	43	48
8	51	29	40		25	0	0	0	0	8.3	21	NW	26.58		0		43	27	22	42
9	47	28	38		27	0	0	0	0	10.5	20	N	26.57		2		56	41	31	46
10	40	31	36		29	0	0	0	0	8.3	25	NE	26.51		10		58	46	50	49
11	42	26	34		31	0	0	0	0	11.7	21	NE	26.62		0		51	38	30	43
12	44	25	35		30	0	0	0	0	7.5	19	NE	26.79		2		77	64	78	65
13	50	25	38		27	0	0	0	0	7.2	18	NE	26.89		4		61	62	54	51
14	55	29	42		23	0	0	0	0	5.5	18	NE	26.87		2		56	57	76	70
15	58	30	44		21	0	0	0	0	7.1	19	NE	26.85		5		56	30	29	30
16	61	41	51		14	0	0	0	0	12.1	20	NE	26.91		1		26	23	22	34
17	62	41	52		13	0	0	0	0	12.0	22	NE	26.96		0		35	34	16	26
18	65	44	55		10	0	0	0	0	10.6	20	NE	26.95		0		34	26	19	30
19	69	35	52		13	0	0	0	0	6.5	20	NE	26.88		0		42	25	20	30
20	65	36	52		13	0	0	0	0	6.0	15	NE	26.86		0		33	24	14	27
21	69	40	55		10	0	0	0	0	6.1	16	N	26.86		0		28	20	17	30
22	69	37	53		12	0	0	0	0	8.3	21	N	26.86		4		33	16	12	18
23	70	39	55		10	0	0	0	0	8.3	20	NE	26.81		4		25	15	12	16
24	68	40	54		11	0	0	0	0	9.2	20	NE	26.80		1		27	21	17	33
25	66	42	54		11	0	0	0	0	10.1	24	NE	26.80		7		39	29	18	35
26	63	34	49		16	0	0	0	0	3.5	11	SW	26.70		1		50	33	23	52
27	61	32	47		18	0	0	0	0	3.9	10	SW	26.75		1		59	32	24	55
28	62	30	46		19	0	0	0	0	3.1	10	E	26.77		7		61	33	21	52
29	58	37	48		17	0	0.02	0	0	3.2	11	E	26.72		10	R-	49	42	35	49
30	62	41	52		13	0	0	0	0	3.8	12	SE	26.67		8		45	48	49	85
31	58	39	49		16	0	0	0	0	4.5	11	NE	26.71		8		76	63	47	82
SUM	1811	1089	—	—	557	0	0.27	0	—	215.2	—	—	829.54	—	113	—	1731	1305	1130	1594
AVG	58.4	35.1	—	—	—	—	—	—	—	6.9	FASTEST	DIRECTION		%		—	56	42	36	51
										MISC. →	31	S	26.76		3.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY 46.8

DEPARTURE FROM NORMAL 1.8

HIGHEST 70 ON 23

LOWEST 25 ON 12

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 10

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 557

DEPARTURE FROM NORMAL -53

SEASONAL TOTAL 1225

DEPARTURE FROM NORMAL 57

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 2101

DEPARTURE FROM NORMAL -53

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.27 IN.

DEPARTURE FROM NORMAL ____ IN.

GREATEST IN 24 HRS. 0.25 ON 17

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. ____ ON ____

GREATEST DEPTH ON GROUND ____ ON ____

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 17

PARTLY CLOUDY (Scale 4–7) 8

CLOUDY (Scale 8–10) 6

WITH 0.01 INCH OR MORE PRECIP. 2

WITH 0.10 INCH OR MORE PRECIP. 1

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

HIGHEST STN. 27.00 IN. ON 17

LOWEST STN. 26.49 IN. ON 10

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: 0 1 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0052	E250 OVC	20			159	40	33	04	06		002	003 1007	SEA
SA	0154	120 SCT 250-OVC	20			162	37	33	12	05		003		SEA
SA	0254	150 SCT 250-OVC	20			162	37	33	32	05		003		SEA
SA	0352	E110 BKN 160 BKN 250 OVC	20			167	38	33	00	00		003	207 1077 35 RADAT	MR
—	—												40L072081089/1	—
SA	0451	E110 BKN 160 BKN 250 OVC	20			173	37	33	00	00		004		MR
SA	0555	E110 BKN 160 BKN 250 OVC	20			177	38	33	00	00		004	BINOVC SW	MR
SA	0652	E110 BKN 160 BKN 250 OVC	20			182	38	32	09	03		005	BINOVC / 207 1078	MR
SA	0755	110 SCT 160 SCT E250 BKN	20			185	40	33	28	03		006		MR
SA	0852	160 SCT 250 - BKN	20			181	45	32	00	00		006		MR
SA	0953	160 SCT E250 OVC	20			181	48	31	09	04		006	103 1078 35	MR
SA	1053	160 SCT E250 OVC	20			175	50	29	00	00		005		MR
SA	1153	160 SCT E250 BKN	20			166	51	29	03	04		003	FEW CU	MR
SA	1255	160 SCT E250 BKN	20			156	53	31	24	04		001	817 1178	MR
SA	1354	80 SCT E160 BKN 250 OVC	20			155	51	33	23	05		999	BINOVC	MR
SA	1453	80 SCT E160 BKN 250 OVC	20			151	50	34	23	06		999		MR
SA	1552	E130 BKN 160 BKN 250 OVC	20			148	49	36	25	04		997	710 1472 53 RADAT	MR
													BAL 069 076 132	
SA	1652	E130 BKN 160 BKN 250 OVC	20			150	47	37	06	02		997		MR
SA	1751	E140 BKN 180 OVC	20			151	45	39	14	02		997		MR
SA	1853	E140 BKN 180 BKN	20			151	45	38	00	00		997	400 1070	MR
SA	1951	140 SCT 250-OVC	20			153	42	37	01	02		998		MR
SA	2051	E140 BKN 250 OVC	20			155	42	38	00	00		999		MR
SA	2152	E100 BKN 140 OVC	20			146	43	37	14	03		997	200 1071 53	MR
SA	2250	E110 BKN 140 OVC	20			144	43	39	34	03		997	RB0555E01	MR
SA	2350	E110 BKN 140 OVC	20		R-	139	43	38	04	03		996	RB45	MR

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 01 DEC 1985

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	26.610			75	10	10	CS	E80												8	0	.010			00-01
01 54	26.610			87	10															5					01-02
02 54	26.610			85	10															4					02-03
03 52	26.620			82	10	6	AC	E110	2	AC	160	8	10	CS	250	10				9	2	.020			03-04
04 51	26.630			85	10															10					04-05
05 55	26.630			82	10															9					05-06
06 52	26.640			79	10	6	AC	E110	3	AC	160	9	4	CS	250	10				8	2	.020			06-07
07 55	26.650			76	7															4					07-08
08 52	26.650			60	8															3					08-09
09 55	26.650			52	10	2	AC	160	8	CS	E250	10								7	1	.010			09-10
10 53	26.640			44	10															9					10-11
11 53	26.620			43	9															8					11-12
12 55	26.600			43	9	0	CU	80	4	AC	160	4	5	CS	E250	9				8	8	.050			12-13
13 54	26.590			50	10															9					13-14
14 53	26.580			55	10															9					14-15
15 55	26.570			59	10	0	SC	60	6	AC	E130	6	3	AC	160	9	1	CI	250	10	T	.030			15-16
16 52	26.570			67	10															10					16-17
17 51	26.570			79	10															10					17-18
18 53	26.570			78	9	6	AC	E140	3	AC	180	9								9	4	.000			18-19
19 51	26.575			82	10															5					19-20
20 51	26.590			85	10															9					20-21
21 52	26.570			80	10	8	AC	E100	2	AC	140	10								10	0	.000			21-22
22 50	26.570			86	10															10					22-23
23 50	26.560			82	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 0348		0	0		40	37										
	0348	1	0	0	0	40	35		0								
	0957	2	0	0	0	50	37		0								
	1552	3	0	0	0	53	48		0								
	2147	4	0	0	0	49	41		0								
	MID.		T	0	0	43	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.650	26.570	26.570
BAROGRAPH 64	26.625	26.665	26.590	26.580
BAR. CORR. 65	-.005	-.015	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
53	37	T	0	0	7	N	1931 L					9	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	2155	2201			
R-	2345	CONT'D			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0735P ⊕0 Sec./ 1654P ⊕0 Sec./ ± Sec.

1/ LAST OF SEVERAL OCCURENCES

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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: 02 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0052	E100 BKN 150 OVC	20		R-	130	44	40	30	04		994	*B1000 107// *RE12B52	MR
SA	0153	E90 OVC	20		R-	132	43	40	02	04		994	OCNL R-	MR
SA	0252	E90 BKN 150 OVC	20			122	43	40	14	04		991	RE20	MR
SA	0350	M55 OVC	20			129	43	41	34	06		993	20302 15// 41 20002	MR
													RADAT 00H074082110	—
SA	0451	M50 OVC	20			130	44	40	09	03		993	RB33E43	MR
RS	0554	M25 BKN 50 OVC	20		R-	131	44	41	14	05		993	RB16	MR
SA	0650	M25 OVC	5		R-	143	45	39	21	10	G18	997	31006 17//	MR
SA	0750	M25 OVC	5		R-	144	44	38	21	13	G18	997	R- OCNLY R	MR
SP	0801	6 SCT M25 OVC	5		R-				22	11	G18	997	R- OCNLY R	MR
SP	0840	7 SCT 25 SCT M38 OVC	20		R-				06	05		990	PRESFR	MR
SA	0850	7 SCT 25 SCT M38 OVC	20			122	44	39	11	04		990	RE46 PRESFR	MR
SA	0952	7 SCT M38 OVC	20			131	46	41	13	03		993	51023 15// 41	MR
SA	1051	7 SCT M38 OVC	15		R-	124	47	42	29	03		991	RB45	MR
SA	1150	7 SCT M36 OVC	20			124	47	43	18	03		991	RE03	MR
SA	1250	M36 OVC	20			123	47	43	10	05		991	60700 15//	MR
SA	1355	M32 OVC	20			112	51	41	22	12		989	SWU SE	MR
RS	1450	M28 OVC	20			108	52	41	19	16	G25	988	FEW CUFRA 7 HND	MR
RS	1554	M35 BKN 250 BKN	20			112	53	41	22	12	G21	989	CUFRA 7 HND SE 50700	MR
													1502 53 RADAT 74087	
SA	1652	M33 OVC	20			120	51	42	21	08		991	CUFRA 7 HND SE BINOVC	MR
SA	1751	M32 OVC	20			130	48	42	16	07		993	CUFRA 7 HND SE	MR
SA	1852	M35 OVC	20			135	51	42	14	08		996	CUFRA 7 HND SE 220	MR
													15//	
SA	1951	M36 OVC	20			146	47	42	13	10		998		MR
SA	2052	M35 OVC	20			150	46	42	15	09		998		MR
SA	2155	M36 OVC	20			155	46	42	15	10		000	BINOVC SE 215 15//	MR
													S3	
SA	2250	M35 OVC	20			164	45	41	30	04		003	BINOVC SE	MR
SP	2309	M19 BKN 35 OVC	20						12	08		003		MR
SP	2327	M22 BKN 35 OVC	20						14	08		004		MR
SP	2346	22 SCT M38 OVC	20						13	11		003		MR
SA	2351	22 SCT M39 OVC	20			167	44	41	13	10		003		MR

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 02 DEC 1985

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	26.540			86	10	8	AC	E100	2	AC	150	10								10	8	.030			00-01
01 53	26.540			89	10															10					01-02
02 52	26.510			89	10															9					02-03
03 50	26.530			93	10	10	SC	M25												10	5	.010			03-04
04 51	26.530			86	10															10					04-05
05 54	26.530			89	10															10					05-06
06 50	26.560			80	10	10	CUFRA	M25												10	3	.030			06-07
07 50	26.560			79	10															10					07-08
08 50	26.500			82	10															10					08-09
09 52	26.530			82	10	2	CUFRA	7	10	SC	M38	10								10	5	.030			09-10
10 51	26.510			83	10															10					10-11
11 50	26.510			86	10															10					11-12
12 50	26.510			86	10	0	STRRA	7	10	SC	M36	10								10	6	.020			12-13
13 53	26.490			68	10															10					13-14
14 50	26.480			66	10															10					14-15
15 54	26.490			65	9	0	CUFRA	7	9	SC	M35	9	0	CI	250	9				9	5	.020			15-16
16 52	26.510			71	10															10					16-17
17 51	26.530			80	10															10					17-18
18 52	26.550			70	10	0	CUFRA	7	10	SC	M35	10								10	2	.060			18-19
19 51	26.570			84	10															10					19-20
20 52	26.580			85	10															10					20-21
21 55	26.595			86	10	10	SC	M36												10	2	.045			21-22
22 50	26.620			86	10															10					22-23
23 51	26.625			88	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		·02	0		44	43										
	0345	1	·02	0	0	44	42		1								
	0947	2	·23	0	0	46	42		2								
	1550	3	T	0	0	53	46		2								
	2150	4	0	0	0	53	45		1								
	MID.		0	0	0	46	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1557	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.530	26.490	26.575
BAROGRAPH 64	26.525	26.540	26.500	26.610
BAR. CORR. 65	+.005	-.010	-.010	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	42	.25	0	0	31	S	1436					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT'D	0012			
R-	0052	0220			
RW-	0433	0443			
R-	0516	0846			
R-	1045	1103			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0558P ⊕0 Sec./ 1730P ± 0 Sec./ ± Sec.

0152P/R- 1152P

SP=

RS=

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: 03 DEC 1985

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	0051	25 SCT M 38 OVC	20			172	44	41	12	08		005	115 15//	MR
SP	0131	M21 BKN 38 OVC	20						11	08		005		MR
SA	0151	M25 BKN 38 OVC	20			170	44	41	11	07		005		MR
RS	0250	25 SCT M 38 OVC	20			166	43	40	12	10		004		MR
RS	0352	M22 BKN 38 OVC	20			172	44	40	11	04		007	303 15// 42 20023	MR
—	—												RADAT 98L073078107	—
RS	0451	22 SCT M 38 OVC	20			179	44	41	12	07		008	BINOVC	MR
SA	0551	22 SCT M 38 BKN 230 BKN	20			188	43	40	11	10		010		MR
RS	0650	M22 BKN 32 OVC	10			196	43	40	12	08		013	E LYR NE AND SE / 320	MR
—	—												17//	—
RS	0753	22 SCT M 38 OVC	20			204	43	41	12	10		014	ST LYR 5 AND NE-SE	MR
—	—												NMRS BINOVC	—
SA	0850	22 SCT 40 SCT 230 SCT	20			211	46	42	12	13		016	FEW ST 5 AND	MR
SA	0950	M40 BKN	20			215	48	42	13	09		018	ST LYR 5 AND SE / 317	MR
—	—												1500 42	—
SA	1057	25 SCT 40 SCT 230 SCT	20			215	51	43	15	10		018		MR
SA	1152	25 SCT 230 SCT	20			206	54	42	13	15		016		MR
SA	1250	30 SCT E230 BKN	20			199	54	42	13	10		014	814 1406	MR
SA	1353	M35 BKN 230 BKN	20			200	53	42	17	07		014		MR
SA	1450	M35 BKN 230 BKN	20			204	53	40	16	03		015		MR
SA	1554	M39 OVC	20			221	52	43	21	05		020	319 15// 55 RADAT	MR
													98L072078105	
SA	1651	M41 OVC	20			219	50	44	14	02		020	BINOVC	MR
SA	1754	40 SCT	20			227	46	42	05	05		021		MR
SA	1851	CLR	20			232	44	41	05	05		022	305 1001	MR
SA	1951	CLR	20			237	43	40	30	03		023		MR
SA	2050	CLR	20			237	40	38	16	03		023		MR
SA	2154	CLR	20			238	43	38	12	07		024	207 55	MR
SA	2250	CLR	20			242	40	37	35	05		025		MR
SA	2352	CLR	20			244	39	37	11	04		026	Ac E	MR

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 03 DEC 1985

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 51	26.640			89	10	3	STRA	25	10	SC	M38	10								10	1	.045			00-01
01 51	26.640			89	10															10					01-02
02 50	26.630			91	10															10					02-03
03 52	26.650			86	10	6	SC	M22	10	SC	38	10								10	3	.010			03-04
04 51	26.665			89	10															9					04-05
05 51	26.680			89	9															9					05-06
06 50	26.710			89	10	7	STRA	M22	3	STRA	32	10								9	3	.060			06-07
07 53	26.720			93	10															9					07-08
08 50	26.740			86	3															3					08-09
09 50	26.760			80	7	0	ST	5	0	SC	25	0	7	SC	M40	7				7	3	.050			09-10
10 57	26.760			74	3															3					10-11
11 52	26.740			64	5															5					11-12
12 50	26.720			64	8	3	SC	30	5	CI	E230	8								6	8	.040			12-13
13 53	26.720			66	8															8					13-14
14 50	26.730			61	9															9					14-15
15 54	26.775			72	10	0	CUFRA	25	10	SC	M39	10								10	3	.055			15-16
16 51	26.770			79	10															9					16-17
17 54	26.780			88	2															2					17-18
18 51	26.790			89	0	0	CI	200												0	3	.015			18-19
19 51	26.800			89	0															0					19-20
20 50	26.800			92	0															0					20-21
21 54	26.810			82	0															0	2	.020			21-22
22 50	26.820			89	0															0					22-23
23 52	26.830			90	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		45	42										
	0348	1	0	0	0	46	42		1								
	0945	2	0	0	0	49	42		1								
	1548	3	0	0	0	55	48		1								
	2149	4	0	0	0	52	40		1								
	MID.		0	0	0	44	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.760	26.775	26.810
BAROGRAPH 64	26.660	26.760	26.775	26.815
BAR. CORR. 65	-.010	*±.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 UNML. 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
55	39	0	0	0	18	SE	1204 1/					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0555P ±0 Sec./ 1654P ±0 Sec./ ± Sec.

* BAROGRAPH CHANGED RESET TO ±.0 CORR

1/ LAST OF SEVERAL OCCURENCES

SP=

RS=

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: 04 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC INDICATORS (16)
SA	0052	CLR	20			244	38	36	33	05		026	107	42
SA	0151	CLR	20			244	39	37	01	04		026		42
SA	0250	CLR	20			240	39	36	35	03		025		42
SA	0353	CLR	20			241	40	37	06	03		025	603 37 RADAT 30113	44
SA	0450	CLR	20			246	37	35	09	06		026		44
SA	0550	CLR	20			253	39	36	27	03		027		44
SA	0651	CLR	20			259	36	35	36	04		028	210	44
SA	0750	CLR	20			262	40	37	08	04		030		44
SA	0852	CLR	20			258	47	40	28	03		030		44
SA	0950	CLR	20			257	51	39	14	08		031	207 1008 35	44
SA	1051	CLR	20			255	53	40	13	07		030		44
SA	1150	CLR	20			246	55	39	16	08		027	CI SW-NW	44
SA	1251	CLR	20			238	56	39	15	08		025	817 1005	44
SA	1351	250 SCT	20			230	57	38	13	07		023		44
SA	1450	250 SCT	20			230	57	39	12	10		023		44
SA	1554	250 SCT	20			231	55	39	13	07		023	607 1001 57	DC
													RADAT 20115	
SA	1648	250 - SCT	20			233	52	39	12	07		023		DC
SA	1754	250 SCT	20			234	48	40	13	09		023		DC
SA	1856	250 - SCT	20			241	47	39	36	04		024	302 1001	DC
SA	1956	250 - SCT	20			242	44	39	03	05		024		DC
SA	2053	CLR	20			236	44	38	07	06		024		DC
SA	2148	CLR	20			235	41	37	04	04		024	000 57	DC
SA	2256	CLR	20			230	42	37	02	03		023		DC
SA	2357	250 - SCT	20			223	40	37	06	04		021		DC

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 $6RRRt_R$ $7ww W_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6385

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 04 DEC 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.830			92	0															0	1	.020			00-01
01 51	26.830			92	0															0					01-02
02 50	26.820			90	0															0					02-03
03 53	26.820			89	0															0	6	.010			03-04
04 50	26.830			93	0															0					04-05
05 50	26.840			89	0															0					05-06
06 51	26.850			96	0															0	2	.030			06-07
07 50	26.860			89	0															0					07-08
08 52	26.860			77	0															0					08-09
09 50	26.870			63	0	0	CS	250												0	2	.020			09-10
10 51	26.860			61	0															0					10-11
11 50	26.840			55	0															0					11-12
12 54	26.820			53	0	0	CI	250												0	8	.050			12-13
13 51	26.800			49	1															1					13-14
14 50	26.800			51	2															2					14-15
15 54	26.800			55	1	1	CI	250												1	6	.020			15-16
16 48	26.795			61	1															0					16-17
17 54	26.795			74	1															1					17-18
18 56	26.805			74	1	1	CI	250												0	3	.005			18-19
19 56	26.810			82	1															0					19-20
20 53	26.805			79	0															0					20-21
21 48	26.805			86	0															0	0	.000			21-22
22 56	26.800			82	0															0					22-23
23 57	26.780			89	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	41	37	X	X						X		
	0349	1	0	0	0	44	37		1								
	0945	2	0	0	0	51	35		1								
	1547	3	0	0	0	57	51		1								
	2145	4	0	0	0	55	41		1								
	MID.	X	0	0	0	45	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1551	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.870	26.800	26.805
BAROGRAPH 64	26.840	26.880	26.815	26.815
BAR. CORR. 65	-.020	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	35	0	0	0	16	SE	1400					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0526P ⊙0 Sec./ 2006P ± 0 Sec./ ± Sec.

SP=

RS=

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: 0 5 DEC 1985

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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. REMARKS (15)
SA	0056	250 - OVC	20			216	40	36	34	05		019	814 1007	DC
SA	0155	E200 OVC	20			215	41	37	04	05		018		DC
SA	0253	200 - OVC	20			215	39	36	02	03		018		DC
SA	0356	200 - OVC	20			212	40	36	07	05		017	805 1007 38 RADAT 20111	CRD
SA	0454	E200 OVC	20			215	39	36	28	03		017		CRD
SA	0550	E200 OVC	20			212	42	36	23	03		016		CRD
SA	0651	E180 OVC	20			220	38	36	09	03		017	500 1007	CRD
SA	0751	E180 OVC	20			223	40	37	31	05		018		CRD
SA	0850	140 SCT E200 OVC	20			224	43	38	32	03		019		CRD
SA	0955	140 SCT E200 OVC	20			224	47	38	31	08		019	107 1077 38	CRD
SA	1053	140 SCT E200 BKN	20			206	51	37	15	05		015		CRD
SA	1155	140 SCT E200 BKN	20			190	53	37	13	07		011		CRD
SA	1253	200 SCT	20			177	55	38	14	08		007	737 1008	CRD
SA	1350	200 SCT	20			180	57	36	17	03		008	FEW CU	CRD
SA	1450	80 SCT 200 SCT	20			184	57	37	25	05		009		CRD
SA	1557	M 70 BKN	20			186	53	38	26	04		010	107 1200 58	DC
													RADAT 70083	
SA	1650	50 SCT 70 SCT	20			189	51	38	00	00		010		DC
SA	1755	M 55 BKN	20			196	49	39	17	04		012		DC
SA	1850	55 SCT	20			206	47	38	08	04		014	312 1400	DC
SA	1956	60 SCT	20			211	44	39	02	04		015		DC
SA	2051	CLR	20			214	42	38	04	07		016	FEW SC	DC
SA	2157	CLR	20			211	42	38	09	04		016	108 58	DC
SA	2257	CLR	20			211	39	37	02	04		016		DC
SA	2356	CLR	20			211	37	36	07	04		016		DC

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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 0 5 DEC 1985

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	26.765			86	10	10	CS	250												1	8	.040			00-01
01 55	26.760			86	10															7					01-02
02 53	26.760			89	10															3					02-03
03 50	26.750			88	10	10	CS	200												3	8	.015			03-04
04 54	26.750			89	10															6					04-05
05 50	26.740			80	10															7					05-06
06 51	26.750			90	10	10	CS	E180												10	5	.000			06-07
07 51	26.760			88	10															10					07-08
08 50	26.770			82	10															9					08-09
09 55	26.170			71	10	5	AC	140	10	CS	E200	10								9	1	.020			09-10
10 53	26.730			59	9															9					10-11
11 55	26.690			54	8															5					11-12
12 53	26.660			53	5	5	CS	200												3	7	.110			12-13
13 50	26.670			45	2															2					13-14
14 50	26.675			47	1															1					14-15
15 57	26.680			57	8	8	CU	M70												8	1	.020			15-16
16 50	26.680			61	2															2					16-17
17 55	26.700			68	9															9					17-18
18 50	26.715			71	1	1	SC	55												1	3	.035			18-19
19 56	26.730			82	5															5					19-20
20 51	26.735			86	0															0					20-21
21 57	26.740			86	0															0	1	.025			21-22
22 57	26.740			93	0															0					22-23
23 56	26.740			96	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. 79 0331	X	0	0	X	43	38	X	X						X		
	0331	1	0	0	0	45	38		1								
	0950	2	0	0	0	47	38		1								
	1550	3	0	0	0	58	47		1								
	2148	4	0	0	0	53	41		1								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.770	26.680	26.740
BAROGRAPH 64	26.760	26.770	26.680	26.730
BAR. CORR. 65	-.010	0*	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	37	0	0	0	15	SE	1244**					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0926P ±0Sec./2000P ±0Sec./ ± Sec.

*BAROGRAPH CHART CHANGED.

**LAST OF SEVERAL OCCURRENCES

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983 0-764-006/6069

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **0 6 DEC 1985**

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	0055	CLR	20			210	37	36	00	00		016	400	DC
SA	0153	CLR	20			215	35	34	00	00		017		DC
SA	0255	CLR	20			213	36	35	10	05		017		DC
SA	0353	CLR	20			216	35	34	10	05		017	103 34 RADAT 51082	CRD
SA	0452	CLR	20			216	36	34	07	03		017		CRD
SA	0553	CLR	20			228	35	33	04	07		019		CRD
SA	0651	CLR	20			228	37	34	18	02		019	107	CRD
SA	0752	250 - SCT	20			226	42	35	08	07		019		CRD
SA	0850	250 - BKN	20			227	49	35	04	07		020		CRD
SA	0950	250 - BKN	20			225	51	32	03	12		020	103 1006 34	CRD
SA	1057	250 - BKN	20			219	53	32	03	10		018		CRD
SA	1152	250 - BKN	20			213	57	31	29	05		017		CRD
SA	1250	250 SCT	20			208	57	35	23	08		016	714 1002	CRD
SA	1350	250 SCT	20			205	57	34	24	06		015		CRD
SA	1450	250 - OVC	20			210	56	35	23	07		016		CRD
SA	1556	250 - OVC	20			210	56	34	22	05		016	702 1007 59	DC
													RADAT 39105	
SA	1656	250 - SCT	20			214	50	35	04	03		016	AC NW	DC
SA	1750	CLR	20			216	45	37	07	03		016		DC
SA	1856	CLR	20			221	42	37	10	03		017	205	DC
SA	1956	CLR	20			227	41	35	06	03		020		DC
SA	2050	CLR	20			223	40	35	08	04		020		DC
SA	2155	CLR	20			223	40	33	00	00		020	107 59	DC
SA	2257	CLR	20			221	39	33	09	06		020		DC
SA	2356	CLR	20			215	39	32	09	03		018		DC

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$_1$W$_2$ 8$N_h C_L C_M C_H$ 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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 06 DEC 1985

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.
						CLOUDS AND OBSCURING PHENOMENA																			
00 55	26.740			96	0															0	4	.000			00-01
01 53	26.750			96	0															0					01-02
02 55	26.750			96	0															0					02-03
03 53	26.750			95	0															0	1	.010			03-04
04 52	26.750			93	0															0					04-05
05 53	26.770			92	0															0					05-06
06 51	26.770			89	0															0	1	.020			06-07
07 52	26.770			78	2															0					07-08
08 50	26.780			58	6															2					08-09
09 50	26.780			48	6	6	CI	250												3	1	.010			09-10
10 57	26.760			43	9															4					10-11
11 52	26.750			37	7															3					11-12
12 50	26.740			43	2	2	CI	250												2	7	.040			12-13
13 50	26.725			41	3															2					13-14
14 50	26.740			45	10															4					14-15
15 56	26.735			43	10	10	CS	250												0	7	.005			15-16
16 56	26.740			56	3															0					16-17
17 50	26.740			73	0															0					17-18
18 56	26.750			82	0															0	2	.015			18-19
19 56	26.770			79	0															0					19-20
20 50	26.770			82	0															0					20-21
21 55	26.770			76	0															0	1	.020			21-22
22 57	26.770			79	0															0					22-23
23 56	26.760			76	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		38	34										
	0350	1	0	0	0	42	34		1								
	0947	2	0	0	0	51	34		1								
	1550	3	0	0	0	59	51		1								
	2148	4	0	0	0	56	40		1								
	MID.		0	0	0	42	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.780	26.735	26.770
BAROGRAPH 64	26.750	26.780	26.725	26.760
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	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	34	0	0	0	17	NE	0920					6	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0700P ± 0 Sec. / 2035P ± 0 Sec. / ± Sec.

SP=

RS=

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: 07 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	CLR	20			215	38	32	09	03		018	703	DC
SA	0156	CLR	20			211	39	32	11	04		017		DC
SA	0250	CLR	20			210	37	32	08	03		016		DC
SA	0352	CLR	20			209	37	31	11	05		016	607 36 RADAT 53094	CRD
SA	0454	CLR	20			212	36	31	13	05		016		CRD
SA	0552	250 SCT	20			220	35	31	04	05		017		CRD
SA	0650	180 SCT 250-OVC	20			224	35	32	08	05		017	103 1077	CRD
SA	0750	150 SCT E250 OVC	20			224	34	33	10	04		018		CRD
SA	0850	180 SCT E250 OVC	20			228	42	33	14	03		019		CRD
SA	0950	160 SCT 250-OVC	20			220	47	34	19	03		018	003 1077 34	CRD
SA	1052	160 SCT 250-BKN	20			188	53	33	22	04		013	PRESFR	CRD
SA	1153	250-BKN	20			184	54	34	23	10		010		CRD
SA	1250	250-SCT	20			175	55	33	26	08		006	737 1008	CRD
SA	1350	250-SCT	20			164	57	34	26	10		004		CRD
SA	1450	CLR	20			158	57	34	26	12		002		CRD
SA	1557	CLR	20			145	56	34	25	12		998	727 58 RADAT 22102	DC
SA	1650	CLR	20			139	53	34	23	10		996		DC
SA	1755	CLR	20			140	52	31	22	09		996		DC
SA	1855	CLR	20			140	53	30	25	07		996	607	DC
SA	1956	CLR	20			143	51	30	05	03		997		DC
SA	2050	CLR	20			136	50	31	36	05		995		DC
SA	2158	CLR	20			130	50	31	34	04		994	803 58	DC
SA	2255	CLR	20			130	50	32	31	07		996		DC
SA	2356	CLR	20			135	43	33	01	07		996		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$_2$ 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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 07 DEC 1985

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	26.760			79	0															0	7	.010			00-01
01 56	26.750			76	0															0					01-02
02 50	26.740			82	0															0					02-03
03 52	26.740			78	0															0	6	.020			03-04
04 54	26.735			82	0															0					04-05
05 52	26.750			85	4															3					05-06
06 50	26.750			89	10	1	Ac	180	9	Cs	250	10								5	1	.010			06-07
07 50	26.760			79	10															6					07-08
08 50	26.770			70	10															6					08-09
09 50	26.760			60	10	2	Ac	160	8	Cs	250	10								5	0	.010			09-10
10 52	26.705			46	7															3					10-11
11 53	26.675			47	7															2					11-12
12 50	26.650			43	4	4	Cs	250												1	7	.110			12-13
13 50	26.620			42	2															0					13-14
14 50	26.610			42	0															0					14-15
15 57	26.570			43	0															0	7	.080			15-16
16 50	26.550			48	0															0					16-17
17 55	26.550			44	0															0					17-18
18 55	26.550			41	0															0	6	.020			18-19
19 56	26.560			44	0															0					19-20
20 50	26.545			48	0															0					20-21
21 58	26.540			48	0															0	8	.010			21-22
22 55	26.550			50	0															0					22-23
23 56	26.550			68	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 0349	X	0	0	X	40	36	X	X						X		
	0349	1	0	0	0	42	36		1								
	0946	2	0	0	0	47	34		1								
	1550	3	0	0	0	58	47		1								
	2150	4	0	0	0	56	46		1								
	MID.	X	0	0	0	52	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.760	26.570	26.540
BAROGRAPH 64	26.730	26.750	26.560	26.520
BAR. CORR. 65	+.010	+.010	+.010	+.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
58	34	0	0	0	19	SW	1629					6	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0700P ±0 Sec./2005P ±0 Sec./ ± Sec.

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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: 0 8 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			134	45	25	04	11		996	103	DC
SA	0154	CLR	20			135	44	22	04	13		996		DC
SA	0249	CLR	20			131	44	21	04	13		996		DC
SA	0349	CLR	20			141	42	21	02	07		998	307 42 RADAT 81069	JC
SA	0454	CLR	20			149	39	20	04	03		999		JC
SA	0556	CLR	20			154	38	20	11	05		000		JC
SA	0654	CLR	20			162	36	19	08	04		002	314 1020	JC
SA	0756	CLR	20			158	44	16	07	06		002		JC
SA	0853	CLR	20			161	45	15	02	05		003		JC
SA	0953	CLR	20			160	42	15	04	04		003	203 1020 35	JC
SA	1053	CLR	20			156	48	10	30	04		002		JC
SA	1156	CLR	20			148	50	11	33	12 G18		999		JC
SA	1255	CLR	20			139	50	8	33	13		997	820 1100	JC
SA	1356	CLR	20			135	50	7	34	11 G19		996		JC
SA	1455	CLR	20			135	50	9	36	12		996		JC
SA	1556	CLR	20			135	48	10	36	12		994	707 1100 51 RADAT 28063	DC
SA	1653	CLR	20			140	43	13	34	10		994	FEW CU N	DC
SA	1756	CLR	20			146	42	18	02	10		996		DC
SA	1850	CLR	20			157	40	19	03	11		996	307	DC
SA	1953	CLR	20			149	38	18	04	09		997		DC
SA	2057	CLR	20			152	35	20	34	03		997		DC
SA	2150	CLR	20			154	38	17	10	08		998	307 52	DC
SA	2251	CLR	20			158	36	16	07	08		999		DC
SA	2353	CLR	20			159	29	19	05	05		999		DC

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-005/60065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 0 8 DEC 1985

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 56	26.550			45	0															0	1	.010			00-01
01 54	26.555			41	0															0					01-02
02 49	26.550			40	0															0					02-03
03 49	26.570			43	0															0	3	.020			03-04
04 54	26.580			46	0															0					04-05
05 56	26.580			48	0															0					05-06
06 54	26.610			50	0	0	Ac	150												0	3	.040			06-07
07 56	26.610			32	0															0					07-08
08 53	26.620			29	0															0					08-09
09 53	26.620			27	0	0	Ac	150												0	2	.010			09-10
10 55	26.610			21	0															0					10-11
11 56	26.580			20	0															0					11-12
12 55	26.560			18	0	0	Cu	70												0	8	.060			12-13
13 56	26.550			17	0															0					13-14
14 55	26.550			19	0															0					14-15
15 56	26.540			22	0	0	Cu	100												0	7	.020			15-16
16 55	26.540			29	0															0					16-17
17 56	26.555			38	0															0					17-18
18 50	26.560			42	0															0	3	.020			18-19
19 53	26.565			44	0															0					19-20
20 57	26.570			54	0															0					20-21
21 50	26.580			42	0															0	3	.020			21-22
22 51	26.590			44	0															0					22-23
23 53	26.585			66	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		45	42										
	0345	1	0	0	0	52	42		0								
	0947	2	0	0	0	47	35		0								
	1555	3	0	0	0	51	47		0								
	2149	4	0	0	0	48	34		0								
	MID.		0	0	0	38	29										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0949	1555	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.572	26.620	26.540	26.580
BAROGRAPH 64	26.540	26.605	26.525	26.565
BAR. CORR. 65	+.030	+.015	+.015	+.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 TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	29	0	0	0	21	NW	1228					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0857P @ 0 Sec./ 2105P @ 0 Sec./ ± Sec.

SP=

RS=

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: 09 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			159	32	17	07	04		999	203	008
SA	0150	CLR	20			159	31	18	05	10		999		008
SA	0249	CLR	20			159	32	17	03	11		999		008
SA	0351	CLR	20			161	31	17	04	07		000	400 28 RADAT 39044	JC
SA	0454	CLR	20			162	34	16	05	10		000		JC
SA	0552	CLR	20			169	29	17	29	07		001		JC
SA	0653	CLR	20			168	33	17	02	10		001	203	JC
SA	0753	CLR	20			172	36	17	03	07		002	FEW CU S	JC
SA	0856	CLR	20			175	38	17	04	12 G18		003	FEW CU S	JC
SA	0953	CLR	20			177	40	18	02	14 G19		004	210 1100 28	JC
SA	1052	CLR	20			168	43	18	03	12 G17		002	FEW CU S	JC
SA	1156	CLR	20			164	44	17	02	11 G17		000	FEW CU S	JC
SA	1258	CLR	20			154	45	15	05	11 G18		998	200 1100	JC
SA	1352	20 SCT	20			146	46	14	35	07		996		JC
SA	1453	M 70 BKN	20			147	46	14	04	09		996		JC
SA	1555	M 70 BKN	20			148	44	15	03	14		995	607 1200 47 RADAT 36055	008
SA	1656	M 70 BKN	20			145	43	15	02	10		995		008
SA	1750	M 70 BKN	20			148	42	15	02	13		995		008
SA	1859	M 70 BKN	20			149	41	16	02	08		995	500 1500	008
SA	1957	25 SCT M 70 BKN	20			150	39	18	04	10		996		008
SA	2054	25 SCT M 70 BKN	20			150	38	18	03	13		996		008
SA	2156	70 SCT	20			147	37	18	04	15		995	000 1500 47	008
SA	2257	70 SCT	20			141	36	18	03	16		994		008
SA	2350	70 SCT	20			142	35	18	03	12		994		008

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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 09 DEC 1985

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	26.590			53	0															0	2	.010			00-01
01 50	26.590			58	0															0					01-02
02 49	26.580			54	0															0					02-03
03 52	26.590			56	0															0	4	.020			03-04
04 54	26.590			47	0															0					04-05
05 52	26.600			61	0															0					05-06
06 53	26.600			51	0															0	2	.010			06-07
07 55	26.610			46	0															0					07-08
08 56	26.620			42	0															0					08-09
09 53	26.630			41	0	0	Cu	70												0	2	.030			09-10
10 57	26.610			36	0															0					10-11
11 56	26.590			33	0															0					11-12
12 55	26.570			29	0	0	Cu	70												0	2	.060			12-13
13 57	26.570			27	4															3					13-14
14 53	26.550			27	8															8					14-15
15 55	26.550			31	8	8	Cu	M70												8	6	.020			15-16
16 56	26.545			32	8															8					16-17
17 50	26.545			33	8															8					17-18
18 59	26.550			36	8	8	Sc.	M70												8	5	.000			18-19
19 57	26.555			42	8															8					19-20
20 54	26.555			44	8															8					20-21
21 58	26.550			46	4	4	Sc	70												4	0	.000			21-22
22 57	26.540			48	3															3					22-23
23 50	26.540			50	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 0348		0	0		33	28										
	0348	1	0	0	0	38	28		0								
	0948	2	0	0	0	40	29		0								
	1554	3	0	0	0	47	40		0								
	2155	4	0	0	0	44	37		0								
	MID.		0	0	0	37	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.550	26.550
BAROGRAPH 64	26.580	26.630	26.550	26.540
BAR. CORR. 65	+.010	±0	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	28	0	0	0	20	N	0929					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0845P @0 Sec./ 1602P @0 Sec./ ± Sec.

SP=

RS=

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: 10 DEC 1985

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)	CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (18)
SA	0057	70 SCT	20			140	33	18	07	07		993	707 ~~703~~ 1500	cdb
SA	0150	70 SCT	20			132	35	17	07	07		992		cdb
SA	0247	70 SCT	20			128	35	17	05	07		991		cdb
SA	0353	70 SCT	20			125	31	18	09	05		989	814 1500 21 RADAT 46042	JC
SA	0456	E70 BKN	20			125	32	19	05	08		989		JC
SA	0557	E80 BKN	20			124	34	18	03	12		989		JC
SA	0658	E90 BKN	20			126	33	18	05	10		989	400 1070	JC
SA	0755	E90 OVC	20			134	34	18	12	04		991		JC
SA	0856	E90 OVC	20			134	35	18	12	06		991		JC
SA	0953	M65 BKN 90 OVC	20			134	37	18	04	07		991	107 157/30	JC
SA	1055	M65 BKN 90 OVC	20			130	38	19	03	07		990		JC
SA	1156	E65 OVC	20			126	39	18	01	07		989		JC
SA	1254	M55 BKN 90 OVC	20			124	39	19	34	09		988	210 157/	JC
SA	1351	M55 BKN 90 OVC	20			123	39	17	12	08		986		JC
SA	1450	E55 BKN 90 OVC	20			127	37	20	09	10		989		JC
SA	1551	E40 BKN 80 OVC	20			127	37	20	07	03		988	203 162/ 40 RADAT E1042	cdb
SA	1655	50 SCT E80 OVC	20			134	36	20	08	05		990		cdb
SA	1751	50 SCT E80 OVC	20			130	34	21	05	06		988		cdb
SA	1856	50 SCT E80 OVC	20			140	33	18	10	08		991	B1NOVC 207 162/	cdb
SA	1950	E80 BKN	20			141	33	17	01	09		992		cdb
SA	2055	E100 BKN	20			~~140~~	33	16	04	12		993		cdb
SA	2156	E100 BKN	20			148	32	15	03	11		994	210 ~~1000~~ 1020 40	cdb
SA	2257	E100 BKN	20			151	32	13	04	14		995		cdb
SA	2355	E100 BKN	20			149	31	12	03	18	G23	995		cdb

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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 10 DEC 1985

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	3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.530			54	2	2	SC	70												2	7	.020			00-01
01 50	26.520			47	2															2					01-02
02 49	26.510			47	4															4					02-03
03 53	26.490			58	5	5	SC	70												5	8	.040			03-04
04 56	26.490			58	7															7					04-05
05 57	26.490			52	9															9					05-06
06 58	26.490			54	9	9	AC	590												9	4	.000			06-07
07 55	26.510			51	10															10					07-08
08 56	26.510			49	10															10					08-09
09 53	26.510			46	10	6	SC	060	4	AC	90	10								10	1	.080			09-10
10 55	26.500			46	10															10					10-11
11 56	26.490			43	10															10					11-12
12 54	26.480			44	10	7	SC	1050	3	AC	90	10								10	7	.030			12-13
13 51	26.480			40	10															10					13-14
14 50	26.490			50	10															10					14-15
15 51	26.490			50	10	7	STRA	640	3	AS	80	10								10	2	.010			15-16
16 55	26.500			51	10															10					16-17
17 57	26.490			59	10															10					17-18
18 56	26.510			53	10	4	STRA	50	6	AS	580	10								10	2	.020			18-19
19 50	26.520			52	7															7					19-20
20 55	26.530			49	6															6					20-21
21 56	26.540			49	6	6	AS	6100												5	2	.030			21-22
22 57	26.550			45	6															5					22-23
23 57	26.545			45	7															7					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 0948		0	0		35	31										
	0348	1	0	0	0	37	31		0								
	0949	2	0	0	0	38	30		0								
	1550	3	0	0	0	40	37		0								
	2155	4	0	0	0	37	32		0								
	MID.		0	0	0	32	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.510	26.490	26.540
BAROGRAPH 64	26.510	26.530	26.495	26.540
BAR. CORR. 65	-.040	-.020	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
40	30	0	0	0	25	NE	1131					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0659P (+)0 Sec./ 1645P (+)0 Sec./ ± Sec.

0057/APP 707/1700

2055/SLP 145/2300

2156/CLD 1020/2300

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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: 11 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0056	E100 BKN	20			152	30	15	04	13		995	203 1020	008
SA	0156	100 SCT	20			154	30	13	05	11		996		008
SA	0250	100 SCT	20			157	29	13	05	13		996	2	008
SA	0353	100 SCT	20			159	28	12	04	12		997	703 1020 28 RADAT 26520	JC
SA	0455	100 SCT	20			163	28	11	06	13		998		JC
SA	0556	100 SCT	20			168	27	11	04	11		999		JC
SA	0655	CLR	20			181	27	10	04	13		002	317 1070	JC
SA	0754	CLR	20			184	28	9	03	12		003		JC
SA	0857	250-SCT	20			186	30	9	04	14		004		JC
SA	0953	CLR	20			189	33	10	04	13		005	210 1171 26	JC
SA	1057	CLR	20			183	36	10	04	10		004		JC
SA	1158	250-SCT	20			178	39	11	05	09		003		JC
SA	1257	250-SCT	20			175	39	12	02	08		002	210 1171	JC
SA	1355	CLR	20			170	41	11	02	11	G18	001	FEW ACSL 5	JC
SA	1454	CLR	20			171	41	11	03	12	G18	001	FEW ACSL 5	JC
SA	1550	CLR	20			172	40	11	04	12		001	603 1100 42 RADAT 34045	008
SA	1655	CLR	20			182	37	11	01	10	G15	003		008
SA	1756	CLR	20			193	35	11	03	10	G16	006		008
SA	1850	CLR	20			196	35	11	04	13		007	219 1100	008
SA	1950	CLR	20			200	33	8	03	12	G17	007		008
SA	2054	CLR	20			206	32	10	03	11	G16	010		008
SA	2155	CLR	20			214	31	11	05	12		012	315 42	008
SA	2256	CLR	20			214	32	10	03	14	G19	013		008
SA	2350	CLR	20			220	30	9	04	12		015		008

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 (1-62) WHICH MAY BE USED.

☆U.S.GPO.1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 11 DEC 1985

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			53	7	7	AS	8100												6	2	.010			00-01
01 56	26.555			49	4															3					01-02
02 50	26.555			51	4															3					02-03
03 53	26.560			37	2	2	AS	100												2	2	.010			03-04
04 58	26.570			49	1															1					04-05
05 56	26.580			50	1															1					05-06
06 55	26.610			49	0	0	Ac	100												0	3	.020			06-07
07 54	26.620			44	0															0					07-08
08 53	26.630			41	1															0					08-09
09 53	26.640			38	0	0	Cu	65	0	Ac	100	0	0	Ci	250	0				0	2	.030			09-10
10 57	26.630			33	0															0					10-11
11 58	26.620			31	2															0					11-12
12 57	26.610			33	1	0	Cu	65	0	Ac	100	0	1	Ci	250	1				0	2	.030			12-13
13 55	26.600			29	0															0					13-14
14 54	26.600			29	0															0					14-15
15 50	26.600			30	0	0	Cu	70												0	6	.010			15-16
16 55	26.620			34	0															0					16-17
17 56	26.645			37	0															0					17-18
18 50	26.655			36	0	0	Cu	80												0	2	.055			18-19
19 50	26.660			35	0															0					19-20
20 54	26.680			39	0															0					20-21
21 55	26.700			43	0															0	3	.045			21-22
22 56	26.710			39	0															0					22-23
23 60	26.730			41	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		31	28										
	0349	1	0	0	0	32	28		0								
	0948	2	0	0	0	33	26		0								
	1549	3	0	0	0	42	33		0								
	2154	4	0	0	0	40	31		0								
	MID.		0	0	0	32	30										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1549	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.640	26.600	26.700
BAROGRAPH 64	26.560	26.640	26.600	26.710
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	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
42	26	0	0	0	21	NE	2245					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0755P ⊕ 0 Sec. / 1715P ⊕ 0 Sec. / ± Sec.

~~0353~~ 1057P/0557P

0353P/APP 203/0330-13

SP=

RS=

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 12 DEC 1985

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	0058	CLR	20			229	30	8	05	10		017	317	006
SA	0150	CLR	20			235	29	8	04	10		019		007
SA	0250	CLR	20			235	29	7	03	09		019		008
SA	0358	CLR	20			245	27	7	05	10		022	114 27 RADAT ZERO	CG
SA	0459	CLR	20			246	28	6	05	09		022		CG
SA	0559	CLR	20			248	27	7	04	10		022		CG
SA	0656	CLR	20			252	27	5	05	14		023	303	CG
SA	0758	CLR	20			260	28	5	05	13		025		CG
SA	0852	250-SCT	20			264	30	6	05	14		026		CG
SA	0954	CLR	20			266	34	6	08	09		027	214 1001 26	CG
SA	1055	CLR	20			251	37	6	04	07		024		CG
SA	1157	CLR	20			239	40	3	35	08		021		CG
SA	1257	250-SCT	20			230	42	2	04	07		018	727 1001	CG
SA	1352	250-SCT	20			230	43	1	04	12		018		CG
SA	1451	250-BKN	20			222	43	0	31	05		016		CG
SA	1550	250-SCT	20			224	43	0	30	07		016	607 1003 44	SH
	—		—			—						—	RADAT 21053	—
SA	1627	250-SCT	20			237	34	8	34	05		018		SH
SA	1751	250-SCT	20			249	30	12	09	03		021		SH
SA	1854	250-SCT	20			257	30	13	10	04		023	220 1008	SH
SA	1952	250-SCT	20			261	29	11	09	04		024		SH
SA	2052	250-SCT	20			262	28	12	06	03		025		SH
SA	2155	250-SCT	20			261	26	14	07	03		025	207 1008 44	SH
SA	2253	CLR	20			267	26	13	00	00		027		SH
SA	2351	CLR	20			261	27	12	06	03		026		SH

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 $1s_n$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 12 DEC 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O-PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 58	26.750			39	0															0	3	.050			00-01
01 50	26.770			40	0															0					01-02
02 50	26.770			39	0															0					02-03
03 58	26.790			42	0															0	1	.040			03-04
04 59	26.790			39	0															0					04-05
05 59	26.790			42	0															0					05-06
06 56	26.800			39	0															0	3	-.010			06-07
07 58	26.820			37	0															0					07-08
08 52	26.830			36	2															0					08-09
09 54	26.840			30	0	0	CI	250												0	2	.040			09-10
10 55	26.810			26	0															0					10-11
11 57	26.780			21	0															0					11-12
12 57	26.760			18	1	1	CI	250												0	7	.080			12-13
13 52	26.760			17	3															0					13-14
14 51	26.740			16	7															2					14-15
15 50	26.740			16	4	4	CS	250												1	6	.020			15-16
16 57	26.760			33	3															0					16-17
17 51	26.780			46	2															1					17-18
18 54	26.800			47	3	3	CS	250												1	2	.060			18-19
19 52	26.810			46	3															1					19-20
20 52	26.815			51	3															1					20-21
21 55	26.820			60	4	4	CS	250												1	2	.020			21-22
22 53	26.835			56	0															0					22-23
23 51	26.830			52	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 0355	X	0	0	X	30	27	X	X						X		
	0355	1	0	0	0	32	27		0								
	0952	2	0	0	0	34	26		0								
	1546	3	0	0	0	44	34		0								
	2146	4	0	0	0	42	25		0								
	MID.	X	0	0	0	28	25	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0954	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.840	26.790	26.820
BAROGRAPH 64	26.790	26.840	26.790	26.820
BAR. CORR. 65	±0	±0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
44	25	0	0	0	19	NE	0817					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0800 P. 50 Sec. / 4:45:23 0 Sec. / ± Sec.

SP=

RS=

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: 13 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INDICATORS (15)
SA	0054	CLR	20			259	28	10	06	05		026	003	SH
SA	0156	CLR	20			267	26	11	07	03		028		SH
SA	0248	CLR	20			262	33	6	01	10		028		SH
SA	0353	CLR	20			263	32	5	05	04		028	107 25 RADAT 23053	GG
SA	0452	CLR	20			275	28	8	06	06		029		GG
SA	0553	CLR	20			283	32	5	04	10		032		GG
SA	0651	CLR	20		287	287	32	4	05	10		033	114	GG
SA	0759	CLR	20			296	35	8	10	06		036		GG
SA	0857	CLR	20			304	38	5	05	13		038		GG
SA	0954	CLR	20			304	40	5	04	12		038	117 1001 25	GG
SA	1056	250 - SCT	20			292	45	6	05	04		036		GG
SA	1157	250 - SCT	20			283	47	6	04	05		034		GG
SA	1253	250 - BKN	20			273	50	9	12	06		032	720 1008	GG
SA	1355	250 - BKN	20			270	50	11	02	08		031		GG
SA	1454	250 - OVC	20			266	48	12	11	06		031		GG
SA	1554	E 250 OVC	20			272	47	13	10	04		032	500 1007 50	SH
	—		—			—						—	RADAT 37063	—
SA	1656	E 250 OVC	20			280	44	13	09	08		033		SH
SA	1754	250 - OVC	20			281	38	16	05	07		033		SH
SA	1856	250 - BKN	20			283	36	16	34	05		033	103 1008	SH
SA	1952	250 - BKN	20			285	37	16	03	11		034		SH
SA	2053	250 - BKN	20			286	38	17	04	07		035		SH
SA	2152	250 - BKN	20			289	37	17	07	03		036	210 1008 50	SH
SA	2254	250 - SCT	20			284	40	16	04	10		036		SH
SA	2352	250 - SCT	20			281	35	17	12	04		035		SH

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:1984-0-764-006/60085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 13 DEC 1985

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	26.830			46	0															0	0	.010			00-01
01 56	26.850			52	0															0					01-02
02 49	26.850			32	0															0					02-03
03 53	26.850			32	0															0	1	.020			03-04
04 52	26.860			42	0															0					04-05
05 53	26.880			32	0															0					05-06
06 51	26.890			30	0															0	1	.040			06-07
07 59	26.920			32	0															0					07-08
08 57	26.940			25	0															0					08-09
09 57	26.940			23	0	0	C1	250												0	1	.050			09-10
10 58	26.920			20	2															0					10-11
11 57	26.900			19	5															1					11-12
12 53	26.880			19	8	8	CS	250												2	7	.060			12-13
13 55	26.870			21	9															2					13-14
14 59	26.870			25	10															4					14-15
15 54	26.880			25	10	10	CS	E250												6	5	.000			15-16
16 56	26.890			28	10															6					16-17
17 54	26.890			41	10															5					17-18
18 56	26.890			44	8	8	CS	250												4	1	.010			18-19
19 52	26.900			43	8															3					19-20
20 53	26.910			42	7															3					20-21
21 52	26.920			43	7	7	CS	250												3	2	.030			21-22
22 54	26.920			37	4															2					22-23
23 52	26.910			48	3															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	34	25	X	X						X		
	0349	1	0	0	0	34	25		0								
	0951	2	0	0	0	40	28		0								
	1550	3	0	0	0	50	40		0								
	2148	4	0	0	0	47	33		0								
	MID.	X	0	0	0	40	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.940	26.880	26.920
BAROGRAPH 64	26.880	26.940	26.880	26.910
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	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	25	0	0	0	18	NE	0922					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0656P (0) Sec.1 1955P (0) Sec.1 ± Sec.

0651P/0651P

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CHNL.

SP=

RS=

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 14 DEC 1985

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	0055	250 - SCT	20			277	32	17	11	05		034	807 1008	SH
SA	0152	250 SCT	20			278	31	17	11	04		034		SH
SA	0249	CLR	20			277	34	17	11	05		034		SH
SA	0352	CLR	20			270	34	17	11	03		032	807 31 RADAT 44L065086	CG
SA	0451	CLR	20			277	32	17	34	04		033		CG
SA	0554	CLR	20			287	29	18	04	07		034		CG
SA	0657	CLR	20			285	34	17	06	04		034	107	CG
SA	0750	CLR	20			283	37	18	26	02		034		CG
SA	0850	CLR	20			284	39	18	03	14		035		CG
SA	0953	CLR	20			286	43	18	04	14		036	307 1001 29	CG
SA	1055	250 - SCT	20			274	47	18	03	13		034		CG
SA	1150	CLR	20			260	51	18	05	04		029		CG
SA	1254	CLR	20			253	53	19	01	03		027	727 1001	CG
SA	1351	250 - SCT	20			245	54	18	15	06		025		CG
SA	1450	250 - BKN	20			244	54	18	17	04		025		CG
SA	1553	250 - OVC	20			243	53	19	12	05		025	607 1007 55	SH
	—		—			—						—	RADAT 41086	—
SA	1652	250 - OVC	20			251	47	21	25	04		026		SH
SA	1752	250 - BKN	20			257	42	24	06	07		026		SH
SA	1853	250 - SCT	20			260	40	24	06	05		027	207 1008	SH
SA	1950	250 - SCT	20			262	39	23	03	05		028		SH
SA	2052	250 - BKN	20			266	43	21	13	04		031		SH
SA	2155	250 - BKN	20			261	41	22	34	03		029	007 1008 55	SH
SA	2251	250 - OVC	20			259	40	21	13	04		029		SH
SA	2352	250 - OVC	20			254	43	18	02	04		029		SH

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 $1s_n$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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 14 DEC 1985

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	26.900			53	2	2	CS	250												1	8	.020			00-01
01 52	26.900			57	1															1					01-02
02 49	26.900			50	0															0					02-03
03 52	26.880			50	0															0	8	.020			03-04
04 51	26.890			54	0															0					04-05
05 54	26.900			63	0															0					05-06
06 57	26.900			50	0															0	1	.020			06-07
07 50	26.900			46	0															0					07-08
08 50	26.910			43	0															0					08-09
09 53	26.920			37	0	0	CI	250												0	3	.020			09-10
10 55	26.900			31	1															0					10-11
11 50	26.860			27	0															0					11-12
12 54	26.840			26	0	0	CI	250												0	7	.080			12-13
13 51	26.820			24	2															1					13-14
14 50	26.820			24	7															2					14-15
15 53	26.820			26	10	10	CS	250												4	6	.020			15-16
16 52	26.825			35	10															4					16-17
17 52	26.830			48	8															3					17-18
18 53	26.840			52	5	5	CS	250												2	2	.020			18-19
19 50	26.850			52	5															2					19-20
20 52	26.870			41	6															2					20-21
21 55	26.860			46	6	6	CS	250												2	0	.020			21-22
22 51	26.860			47	10															4					22-23
23 52	26.860			37	10															3					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 0848	X	0	0	X	37	31	X	X						X		
	0848	1	0	0	0	40	31		0								
	0950	2	0	0	0	43	29		0								
	1549	3	0	0	0	55	43		0								
	2451	4	0	0	0	53	37		0								
	MID.	X	0	0	0	44	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0852	0953	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.920	26.820	26.860
BAROGRAPH 64	26.880	26.910	26.820	26.850
BAR. CORR. 65	±0	+.010	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	29	0	0	0	18	NE	0818					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0805P ⊕0 Sec./ 1655P ⊕0 Sec./ ± Sec.

SP=

RS=

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: 15 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	DERIVED METALS (15)
SA	0057	250 - SCT	20			257	38	20	36	06		029	400 1008	SH
SA	0152	250 - SCT	20			259	33	20	35	06		029		SH
SA	0251	250 - SCT	20			254	35	21	12	07		028		SH
SA	0356	200 - SCT	20			255	35	21	10	05		028	603 1001 32 RADAT 24079	RD
SA	0455	200 - SCT	20			264	32	20	14	06		030		RD
SA	0556	CLR	20			270	31	21	25	05		031		RD
SA	0653	200 - BKN	20			276	31	20	08	03		032	210 1008	RD
SA	0755	200 - BKN	20			272	39	20	07	04		032		RD
SA	0851	220 - BKN	20			268	42	21	11	03		031		RD
SA	0953	220 - BKN	20			266	48	18	05	10		032	302 1008 30	RD
SA	1054	220 - BKN	20			265	51	18	03	12		032		RD
SA	1152	220 - BKN	20			256	55	18	14	06		031		RD
SA	1253	220 - BKN	20			239	56	19	13	05		026	820 1008	RD
SA	1353	220 - BKN	20			239	55	20	22	10		024	820 1008	RD
SA	1451	220 - BKN	20			239	54	20	22	07		024		RD
SA	1553	250 - OVC	20			239	52	21	24	04		024	605 ~~58 1007~~ 38 RADAT 41093	EP
SA	1658	250 - OVC	20			246	44	24	06	04		024		EP
SA	1751	250 - BKN	20			253	41	25	03	04		025		EP
SA	1851	250 - BKN	20			262	43	24	02	07		027	312 1008	EP
SA	1950	250 - SCT	20			260	45	22	04	08		029		EP
SA	2050	CLR	20			258	46	17	04	09		029		EP
SA	2151	CLR	20			255	46	16	05	13		030	107 1001 58	EP
SA	2250	CLR	20			256	47	16	05	14		031		EP
SA	2351	CLR	20			254	46	15	05	13		031		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 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 15 DEC 1985

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	26.860			48	5	5	CS	250												2	4	.000			00-01
01 52	26.860			58	4															2					01-02
02 51	26.850			58	4															2					02-03
03 56	26.850			56	1	1	CI	200												0	6	.010			03-04
04 55	26.860			61	1															0					04-05
05 56	26.870			66	0															0					05-06
06 53	26.880			63	6	6	CS	200												2	2	.030			06-07
07 55	26.880			47	8															2					07-08
08 51	26.875			43	8															3					08-09
09 53	26.885			30	8	8	CS	220												3	3	.005			09-10
10 54	26.880			27	8															3					10-11
11 52	26.870			23	8															3					11-12
12 53	26.845			23	8	8	CS	220												3	8	.060			12-13
13 53	26.810			25	8															3					13-14
14 51	26.810			26	8															3					14-15
15 53	26.810			29	10	10	CS	250												3	6	.015			15-16
16 58	26.810			45	10															2					16-17
17 51	26.820			53	7															2					17-18
18 51	26.845			46	7	7	CS	250												2	3	.035			18-19
19 50	26.855			39	5															1					19-20
20 50	26.860			31	0															0					20-21
21 51	26.865			30	0	0	CI	250												0	1	.020			21-22
22 50	26.870			29	0															0					22-23
23 51	26.870			29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	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	44	32	X	X						X		
	0350	1	0	0	0	44	32		0								
	0947	2	0	0	0	49	30		0								
	1548	3	0	0	0	58	48		0								
	2147	4	0	0	0	52	40		0								
	MID.	X	0	0	0	47	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.885	26.810	26.865
BAROGRAPH 64	26.845	26.870	26.820	26.845
BAR. CORR. 65	+.005	+.015	-.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	30	0	0	0	19	NE	2255					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0657 ±0 Sec./ 2205 ±0 Sec./ ± Sec.

1553/1553 1355/1355

SP=

RS=

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: 16 DEC 1985

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 (40)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			252	42	17	09	08		029	802	EP
SA	0151	CLR	20			258	42	15	04	13		031		EP
SA	0250	CLR	20			261	42	15	03	12		032		EP
SA	0356	CLR	20			260	45	12	05	15		032	107 4D RADAT 20087	RD
SA	0453	CLR	20			270	43	12	04	18		033		RD
SA	0555	200 - SCT	20			276	43	14	06	12		034		RD
SA	0654	200 - SCT	20			276	43	14	04	13		035	208 1001	RD
SA	0753	200 - SCT	20			280	46	14	08	15		036		RD
SA	0856	CLR	20			281	48	15	05	11		038		RD
SA	0956	CLR	20			286	52	15	04	13		040	215 1001 40	RD
SA	1057	CLR	20			285	55	15	06	08		034		RD
SA	1153	CLR	20			270	57	18	04	10		036		RD
SA	1254	CLR	20			266	60	17	10	07		034	317 1001	RD
SA	1354	CLR	20			260	60	18	11	10		032		RD
SA	1452	CLR	20			254	59	19	12	12		031	507	RD
SA	1552	CLR	20			257	58	19	12	10		032	~~503~~ 61 RADAT 30098	EP
SA	1651	CLR	20			263	53	20	11	08		032		EP
SA	1750	CLR	20			276	46	22	04	08		035		EP
SA	1850	CLR	20			283	49	20	06	11		037	317	EP
SA	1950	CLR	20			284	49	18	05	15		038		EP
SA	2050	CLR	20			290	47	18	05	14		040		EP
SA	2150	CLR	20			291	45	18	05	12		041	110 61	EP
SA	2255	CLR	20			286	46	18	05	15		040		EP
SA	2352	CLR	20			286	45	18	05	14		040		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 Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 DEC 1985

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	26.860			36	0															0	8	.005			00-01
01 51	26.875			34	0															0					01-02
02 50	26.880			33	0															0					02-03
03 56	26.880			26	0															0	1	.020			03-04
04 55	26.890			28	0															0					04-05
05 55	26.895			31	3															0					05-06
06 54	26.905			31	3	3	C1	200												0	2	.025			06-07
07 53	26.920			27	1															0					07-08
08 56	26.935			26	0															0					08-09
09 56	26.950			23	0	0	C1	200												0	2	.045			09-10
10 51	26.945			20	0															0					10-11
11 53	26.915			22	0															0					11-12
12 54	26.900			19	0	0	C1	200												0	8	.050			12-13
13 54	26.885			19	0															0					13-14
14 52	26.870			21	0															0					14-15
15 52	26.880			22	0															0	5	.020			15-16
16 51	26.885			27	0															0					16-17
17 50	26.910			37	0															0					17-18
18 50	26.930			32	0															0	3	.050			18-19
19 50	26.940			28	0															0					19-20
20 50	26.955			31	0															0					20-21
21 50	26.960			34	0															0	1	.030			21-22
22 55	26.955			31	0															0					22-23
23 52	26.955			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 0350	X	0	0	X	46	41	X	X						X		
	0350	1	0	0	0	47	41		0								
	0950	2	0	0	0	52	42		0								
	1549	3	0	0	0	61	52		0								
	2146	4	0	0	0	58	45		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.950	26.880	26.960
BAROGRAPH 64	26.870	26.940	26.865	26.940
BAR. CORR. 65	+.010	+.010	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
61	41	0	0	0	20	NE	0413					0	0		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

TIME CHECK - CLOCK AT: 0601 ± 0 Sec./ 2153 @1 Sec./ ± Sec.

1552/APP 507/0300P 12/17/85

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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: 17 DEC 1985

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)	OR INITIALS (16)
SA	0050	CLR	20			285	44	18	05	13		040	602	EP
SA	0151	CLR	20			284	44	17	04	13		040		EP
SA	0250	CLR	20			284	44	17	04	14		040		EP
SA	0352	CLR	20			285	43	17	04	15		040	602 42 RADAT 20111	RD
SA	0450	CLR	20			289	41	16	08	07		040		RD
SA	0552	CLR	20			296	42	15	05	12		041		RD
SA	0652	CLR	20			299	44	14	05	18		042	208	RD
SA	0755	CLR	20			300	45	17	04	14		043		RD
SA	0851	CLR	20			304	48	16	04	18		044		RD
SA	0953	CLR	20			305	52	16	05	17		045	207 41	RD
SA	1051	CLR	20			300	54	16	04	14		044		RD
SA	1150	CLR	20			293	57	15	03	11		042		RD
SA	1253	CLR	20			281	59	14	05	07		039	819	RD
SA	1351	CLR	20			271	61	15	02	08		036		RD
SA	1451	CLR	20			264	61	16	05	06		034		RD
SA	1552	CLR	20			270	60	13	10	08		035	510 62 RADAT 20116	EP
SA	1650	CLR	20			275	56	14	06	07		036		EP
SA	1750	CLR	20			286	49	19	04	09		039		EP
SA	1851	CLR	20			288	50	19	03	12		040	312	EP
SA	1950	CLR	20			292	51	17	03	16		041		EP
SA	2050	CLR	20			296	50	17	06	11		042		EP
SA	2151	CLR	20			292	50	17	05	16		041	007 62	EP
SA	2255	CLR	20			290	50	17	06	09		041		EP
SA	2350	CLR	20			289	51	18	05	14		041		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:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 17 DEC 1985

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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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	26.955			34	0															0	6	.005			00-01
01 51	26.950			34	0															0					01-02
02 50	26.950			33	0															0					02-03
03 52	26.950			35	0															0	6	.005			03-04
04 50	26.955			36	0															0					04-05
05 52	26.960			33	0															0					05-06
06 52	26.975			29	0															0	2	.025			06-07
07 55	26.980			32	0															0					07-08
08 51	26.976			28	0															0					08-09
09 53	26.945			24	0															0	2	.020			09-10
10 51	26.990			22	0															0					10-11
11 50	26.970			19	0															0					11-12
12 53	26.945			17	0															0	8	.050			12-13
13 51	26.920			16	0															0					13-14
14 51	26.900			18	0															0					14-15
15 52	26.915			18	0															0	5	.030			15-16
16 50	26.920			18	0															0					16-17
17 50	26.935			30	0															0					17-18
18 51	26.950			29	0															0	3	.035			18-19
19 50	26.960			26	0															0					19-20
20 50	26.975			26	0															0					20-21
21 51	26.970			26	0															0	0	.020			21-22
22 55	26.965			26	0															0					22-23
23 50	26.970			27	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	X	0	0	X	46	42	X	X						X		
	0349	1	0	0	0	47	42		0								
	0948	2	0	0	0	52	41		0								
	1549	3	0	0	0	62	52		0								
	2148	4	0	0	0	60	47		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0752	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.950	26.945	26.915	26.970
BAROGRAPH 64	26.950	26.995	26.910	26.955
BAR. CORR. 65	+.015	±0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	41	0	0	0	22	NE	0652					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0705 ±0 Sec./ 2145 ±0 Sec./ ± Sec.

CHANGED AND RESET MICROBAROGRAPH AT 0952 LST

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-784-006/6009

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: 18 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	Op. Initials (15)
SA	0054	CLR	20			289	48	19	06	11		041	500	EP
SA	0158	CLR	20			288	49	20	06	13		041		EP
SA	0250	CLR	20			288	49	19	05	13		041		EP
SA	0353	CLR	20			286	47	20	04	14		041	803 46 RADAT 25127	HS
SA	0453	CLR	20			288	48	20	03	13		041		HS
SA	0556	CLR	20			300	45	20	12	03		043		HS
SA	0654	CLR	20			304	46	20	03	13		044	310	HS
SA	0752	CLR	20			305	49	21	04	17		045		HS
SA	0853	CLR	20			305	53	21	05	12		046		HS
SA	0953	CLR	20			301	56	22	05	10		045	003 44	HS
SA	1051	CLR	20			292	59	22	05	12		043		HS
SA	1152	CLR	20			282	62	22	14	05		041		HS
SA	1253	CLR	20			270	64	22	13	11		037	825	HS
SA	1351	CLR	20			264	65	21	11	10		035		HS
SA	1450	CLR	20			260	65	20	12	11		034		HS
SA	1550	CLR	20			262	63	20	12	12		034	608 65 RADAT 20125	CH
SA	1650	CLR	20			263	59	20	10	10		034		CH
SA	1750	CLR	20			268	52	20	10	08		034		CH
SA	1850	CLR	20			271	52	19	05	10		035	303	CH
SA	1950	CLR	20			274	53	21	05	14		036		CH
SA	2050	CLR	20			273	51	20	05	10		036		CH
SA	2150	CLR	20			275	49	19	06	05		037	207 65	CH
SA	2250	CLR	20			275	46	20	06	07		037		CH
SA	2350	CLR	20			271	50	20	06	10		037		CH

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 DEC 1985

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	26.970			31	0															0	5	.000			00-01
01 58	26.970			30	0															0					01-02
02 50	26.970			31	0															0					02-03
03 53	26.960			34	0															0	8	.010			03-04
04 53	26.960			35	0															0					04-05
05 56	26.980			36	0															0					05-06
06 54	26.990			36	0															0	3	.030			06-07
07 52	27.000			33	0															0					07-08
08 53	27.010			28	0															0					08-09
09 53	27.000			26	0															0	0	.010			09-10
10 51	26.980			24	0															0					10-11
11 52	26.960			21	0															0					11-12
12 53	26.925			19	0															0	8	.075			12-13
13 51	26.910			19	0															0					13-14
14 50	26.900			18	0															0					14-15
15 50	26.900			19	0															0	6	.025			15-16
16 50	26.900			22	0															0					16-17
17 50	26.900			28	0															0					17-18
18 50	26.910			27	0															0	3	.010			18-19
19 50	26.920			28	0															0					19-20
20 50	26.920			29	0															0					20-21
21 50	26.930			30	0															0	2	.020			21-22
22 50	26.930			35	0															0					22-23
23 50	26.930			30	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 0330	X	0	0	X	51	46	X	X						X		
	0350	1	0	0	0	51	46		0								
	0950	2	0	0	0	56	44		0								
	1547	3	0	0	0	65	56		0								
	2147	4	0	0	0	63	49		0								
	MID.	X	0	0	0	52	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.960	27.000	26.900	26.930
BAROGRAPH 64	26.950	27.010	26.890	26.910
BAR. CORR. 65	+.010	-.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	44	0	0	0	20	NE	0423					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0855P ①0 Sec./ 1855 ②2 Sec./ ± Sec.

SP=

RS=

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: 19 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (18)
SA	0050	CLR	20			273	40	20	04	03		036	803	CH
SA	0150	CLR	20			268	46	20	03	14		036		CH
SA	0250	CLR	20			265	45	20	05	12		035		CH
SA	0354	CLR	20			264	42	20	16	04		034	807 39 RADAT 21132	HS
SA	0452	CLR	20			261	46	20	18	03		033		HS
SA	0552	CLR	20			269	38	20	09	06		033		HS
SA	0655	CLR	20			274	36	20	12	06		034	500	HS
SA	0752	CLR	20			271	45	21	30	02		035		HS
SA	0852	CLR	20			272	52	20	05	15		036		HS
SA	0950	CLR	20			274	58	22	10	05		037	210 35	HS
SA	1050	CLR	20			266	62	18	05	14		035		HS
SA	1151	CLR	20			248	64	19	10	10		031		HS
SA	1252	CLR	20			243	67	18	05	07		028	727	HS
SA	1352	CLR	20			236	69	17	07	04		027		HS
SA	1450	CLR	20			233	69	17	08	04		026		HS
SA	1550	CLR	20			238	67	17	12	05		027	503 69 RADAT 20130	CH
SA	1650	CLR	20			241	59	18	12	06		027		CH
SA	1750	CLR	20			249	53	21	03	07		027		CH
SA	1850	CLR	20			256	50	21	04	05		028	303	CH
SA	1950	CLR	20			253	52	20	00	00		029		CH
SA	2050	CLR	20			255	48	20	12	04		031		CH
SA	2150	CLR	20			251	49	19	12	06		031	107 69	CH
SA	2250	CLR	20			253	50	20	02	05		032		CH
SA	2350	CLR	20			250	51	19	04	10		032		CH

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 19 DEC 1985

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	26.920			44	0														0	8	.010			00-01
01	50	26.920			35	0														0					01-02
02	50	26.910			37	0														0					02-03
03	54	26.900			42	0														0	8	.020			03-04
04	52	26.890			35	0														0					04-05
05	52	26.890			49	0														0					05-06
06	55	26.900			52	0														0	5	.000			06-07
07	52	26.910			38	0														0					07-08
08	52	26.920			29	0														0					08-09
09	50	26.930			25	0														0	2	.030			09-10
10	50	26.910			19	0														0					10-11
11	51	26.870			18	0														0					11-12
12	52	26.850			15	0														0	7	.080			12-13
13	52	26.840			14	0														0					13-14
14	50	26.830			14	0														0					14-15
15	50	26.840			15	0														0	5	.010			15-16
16	50	26.840			20	0														0					16-17
17	50	26.840			28	0														0					17-18
18	50	26.850			32	0														0	3	.010			18-19
19	50	26.860			28	0														0					19-20
20	50	26.870			33	0														0					20-21
21	50	26.870			30	0														0	1	.020			21-22
22	50	26.880			30	0														0					22-23
23	50	26.880			28	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	52	39	X	X						X		
	0352	1	0	0	0	52	39		0								
	0948	2	0	0	0	58	35		0								
	1547	3	0	0	0	69	58		0								
	2147	4	0	0	0	67	47		0								
	MID.	X	0	0	0	53	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.900	26.930	26.840	26.870
BAROGRAPH 64	26.900	26.920	26.840	26.860
BAR. CORR. 65	±0	+.010	±.000	+.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
69	35	0	0	0	20	NE	0840					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

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

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

TIME CHECK - CLOCK AT: 1115P ⊕0 Sec./ 1820P ⊕0 Sec./ ± Sec.

SP=

RS=

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: 20 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	CLR	20			246	49	20	06	12		031	000	CH
SA	0150	CLR	20			243	52	19	06	08		031		CH
SA	0250	CLR	20			244	44	19	07	04		030		CH
SA	0355	CLR	20			244	47	20	36	04		030	603 43 RADAT 21127	HS
SA	0452	CLR	20			248	47	20	36	09		030		HS
SA	0552	CLR	20			261	37	19	13	06		031		HS
SA	0650	CLR	20			258	45	20	36	09		031	103 1001	HS
SA	0751	CLR	20			261	43	19	11	03		032		HS
SA	0850	CLR	20			262	54	20	04	07		033		HS
SA	0952	CLR	20			260	57	20	12	07		033	007 1001 36	HS
SA	1050	CLR	20			252	61	19	01	12		032		HS
SA	1151	CLR	20			235	64	19	02	09		027		HS
SA	1251	CLR	20			230	67	16	02	04		026	622 1001	HS
SA	1351	CLR	20			221	67	16	16	04		024		HS
SA	1453	CLR	20			225	67	15	12	07		024		HS
SA	1550	CLR	20			230	65	15	14	07		025	S02 1001 68	
													RADAT 20127	CH
SA	1650	CLR	20			233	59	17	11	08		025		CH
SA	1750	CLR	20			251	50	21	02	07		027		CH
SA	1850	CLR	20			251	48	19	04	07		028	310	CH
SA	1950	CLR	20			257	48	19	07	04		029		CH
SA	2050	CLR	20			255	47	19	00	00		031		CH
SA	2150	CLR	20			256	49	16	13	03		032	210 68	CH
SA	2250	CLR	20			260	45	15	00	00		033		CH
SA	2350	CLR	20			259	44	16	14	04		033		CH

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:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 20 DEC 1985

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	26.870			31	0															0	0	.000			00-01
01 50	26.870			27	0															0					01-02
02 50	26.860			37	0															0					02-03
03 55	26.860			33	0															0	6	.010			03-04
04 52	26.860			34	0															0					04-05
05 52	26.870			48	0															0					05-06
06 50	26.870			37	0	0	C1	250												0	1	.010			06-07
07 51	26.880			38	0															0					07-08
08 50	26.890			26	0															0					08-09
09 52	26.890			24	0	0	C1	250												0	0	.020			09-10
10 50	26.880			20	0															0					10-11
11 51	26.840			18	0															0					11-12
12 51	26.825			14	0	0	C1	250												0	6	.065			12-13
13 51	26.810			14	0															0					13-14
14 53	26.810			13	0															0					14-15
15 50	26.820			14	0	0	C1	250												0	5	.005			15-16
16 50	26.820			19	0															0					16-17
17 50	26.840			32	0															0					17-18
18 50	26.850			31	0															0	3	.030			18-19
19 50	26.860			31	0															0					19-20
20 50	26.870			32	0															0					20-21
21 50	26.880			27	0															0	2	.030			21-22
22 50	26.890			30	0															0					22-23
23 50	26.890			32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	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 0353	X	0	0	X	53	43	X	X						X		
	0353	1	0	0	0	53	43		0								
	0950	2	0	0	0	57	36		0								
	1547	3	0	0	0	68	57		0								
	2147	4	0	0	0	65	44		0								
	MID.	X	0	0	0	51	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.890	26.820	26.880
BAROGRAPH 64	26.860	26.895	26.810	26.860
BAR. CORR. 65	±0	-.005	+.010	+.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 TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	36	0	0	0	15	NE	0835					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1055P ⊕ 0 Sec./ 1845P ⊕ 0 Sec./ ± Sec.

1051-1151

SP=

RS=

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: 21 DEC 1985

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	CLR	20			254	42	17	00	00		032	000	CH
SA	0150	CLR	20			254	43	17	00	00		032		CH
SA	0250	CLR	20			250	49	18	04	12		032		CH
SA	0355	CLR	20			245	49	17	06	08		030	807 40 RADAT 20135	HS
SA	0451	CLR	20			247	47	18	05	10		030		HS
SA	0550	CLR	20			257	44	16	13	04		031		HS
SA	0654	CLR	20			264	44	17	13	03		032	307	HS
SA	0752	CLR	20			267	44	18	13	03		033		HS
SA	0852	CLR	20			265	55	18	08	07		034		HS
SA	0951	CLR	20			259	58	17	03	12		033	003 40	HS
SA	1050	CLR	20			252	60	18	01	09		031		HS
SA	1150	CLR	20			239	64	16	36	05		027		HS
SA	1251	CLR	20			231	67	17	22	06		025	724	HS
SA	1351	CLR	20			223	68	17	14	03		023		HS
SA	1450	CLR	20			219	68	14	13	08		023		HS
SA	1550	CLR	20			224	66	13	12	08		024	503 69 RADAT 20127	CH
SA	1650	CLR	20			238	59	14	10	07		024		CH
SA	1750	CLR	20			238	53	18	03	05		025		CH
SA	1850	CLR	20			247	51	19	04	07		027	310	CH
SA	1950	CLR	20			254	47	18	10	03		028		CH
SA	2050	CLR	20			249	48	19	03	10		029		CH
SA	2150	CLR	20			252	48	18	10	06		031	210 69	CH
SA	2250	CLR	20			255	47	18	33	05		032		CH
SA	2350	CLR	20			248	47	17	03	05		031		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 Ndd(f)f $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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:1984-0-764-006/40085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 21 DEC 1985

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	26.880			36	0															0	0	.000			00-01
01 50	26.880			35	0															0					01-02
02 50	26.880			29	0															0					02-03
03 55	26.860			28	0															0	8	.020			03-04
04 51	26.860			31	0															0					04-05
05 50	26.870			32	0															0					05-06
06 54	26.880			34	0															0	3	.020			06-07
07 52	26.890			36	0															0					07-08
08 52	26.900			23	0															0					08-09
09 51	26.890			20	0															0	0	.010			09-10
10 50	26.870			19	0															0					10-11
11 50	26.840			15	0															0					11-12
12 51	26.820			14	0															0	7	.070			12-13
13 51	26.800			14	0															0					13-14
14 50	26.800			13	0															0					14-15
15 50	26.810			13	0															0	5	.010			15-16
16 50	26810			17	0															0					16-17
17 50	26.820			25	0															0					17-18
18 50	26.840			28	0															0	3	.030			18-19
19 50	26.850			31	0															0					19-20
20 50	26.860			31	0															0					20-21
21 50	26.870			30	0															0	2	.030			21-22
22 50	26.880			31	0															0					22-23
23 50	26.870			30	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 0353		0	0		51	40										
	0353	1	0	0	0	51	40		0								
	0949	2	0	0	0	58	40		0								
	1548	3	0	0	0	69	58		0								
	2148	4	0	0	0	66	43		0								
	MID.		0	0	0	51	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26860	26.890	26.810	26.870
BAROGRAPH 64	26.870	26.910	26.850	26.865
BAR. CORR. 65	-.010	*-.020	*-.040	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
69	40	0	0	0	16	N	1030					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0700 P @ 0 Sec./ 2052 @ 2 Sec./ ± Sec.

* BAROGRAPH CHANGED RE-SET TO "0"

* BAROGRAPH RE-SET TO "0"

SP=

RS=

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: 22 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (18)
SA	0050	CLR	20			246	42	18	05	04		030	803	CH
SA	0150	CLR	20			250	42	17	10	03		031		CH
SA	0250	CLR	20			255	38	18	12	04		032		CH
SA	0352	CLR	20			254	44	17	30	02		032	107 37 RADAT 20129	HS
SA	0451	CLR	20			257	38	18	02	02		031		HS
SA	0550	CLR	20			251	47	15	04	11		030		HS
SA	0653	250-BKN	20			260	49	15	11	04		032	500 1001	HS
SA	0751	250-SCT	20			266	45	17	07	04		033		HS
SA	0851	250-BKN	20			267	52	14	05	13		034		HS
SA	0956	250-~~BKN~~-SCT	20			260	58	12	04	14		033	003 1001 37	HS
SA	1051	250-SCT	20			255	60	14	02	14		032		HS
SA	1154	250-SCT	20			246	63	13	05	06		030		HS
SA	1255	250-SCT	20			235	66	11	01	09		026	820 1001	HS
SA	1350	250-SCT	20			227	68	10	12	06		024		HS
SA	1450	250-SCT	20			229	68	10	12	08		024		HS
SA	1550	250-SCT	20			232	64	10	12	10		025	503 1001 69	
													RADAT 20133	CH
SA	1650	250-SCT	20			240	55	14	08	07		025		CH
SA	1750	250-SCT	20			242	50	12	04	05		026		CH
SA	1850	250-SCT	20			248	51	12	05	12		028	310 1001	CH
SA	1950	250-SCT	20			253	53	10	05	12		029		CH
SA	2050	250-SCT	20			248	53	10	04	10		029		CH
SA	2150	250-SCT	20			245	53	10	04	12		029	103 1001 69	CH
SA	2250	250-SCT	20			249	52	10	04	14		031		CH
SA	2350	250-SCT	20			242	53	10	05	12		029		CH

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 22 DEC 1985

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	3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.860			38	0															0	8	.010			00-01
01 50	26.870			36	0															0					01-02
02 50	26.880			44	0															0					02-03
03 52	26.880			33	0															0	1	.020			03-04
04 51	26.870			44	0															0					04-05
05 50	26.860			27	0															0					05-06
06 53	26.880			26	6	6	Ci	250												0	5	.000			06-07
07 51	26.890			33	4															0					07-08
08 51	26.900			22	6															0					08-09
09 50	26.890			16	3	3	Ci	250												0	0	.010			09-10
10 51	26.880			16	4															0					10-11
11 54	26.860			14	3															0					11-12
12 55	26.830			12	3	3	Ci	250												0	8	.060			12-13
13 50	26.810			10	4															0					13-14
14 50	26.810			10	5															0					14-15
15 50	26.820			12	4	4	Ci	250												0	5	.010			15-16
16 50	26.820			19	4															0					16-17
17 50	26.830			21	3															0					17-18
18 50	26.850			21	3	3	Ci	250												0	3	.030			18-19
19 50	26.860			18	4															0					19-20
20 50	26.860			18	4															0					20-21
21 50	26.860			18	3	3	Ci	250												0	1	.010			21-22
22 50	26.870			18	3															0					22-23
23 50	26.860			18	4															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		49	37										
	0350	1	0	0	0	51	37		0								
	0948	2	0	0	0	59	37		0								
	1547	3	0	0	0	69	58		0								
	2147	4	0	0	0	64	49		0								
	MID.		0	0	0	53	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.880	26.820	26.860
BAROGRAPH 64	26.880	26.900	26.820	26.860
BAR. CORR. 65	±0	-.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	37	0	0	0	21	N	1053					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0855P @ 0 Sec./ 1757 @ 0 Sec./ ± Sec.

0950-0950

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-62) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6069

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: 23 DEC 1985

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)	OP. REMARKS INITIALS (13B)
SA	0050	250- SCT	20			241	46	10	05	08		028	803 1001	CH
SA	0150	250- SCT	20			233	51	9	05	14		027		CH
SA	0250	250- SCT	20			234	49	9	06	10		027		CH
SA	0349	250- SCT	20			235	44	10	11	05		026	70T 1001 4Z RADAT 20129	AD
SA	0449	250 - SCT	20			241	41	11	10	04		026		AD
SA	0549	250 - SCT	20			243	43	11	13	04		026		AD
SA	0649	250 - SCT	20			241	46	11	15	04		026	400 1001	AD
SA	0749	250 - SCT	20			244	49	12	18	05		026		AD
SA	0849	250 - SCT	20			243	55	12	08	06		028		AD
SA	0949	250 - SCT	20			241	59	12	07	10		028	107 1001 39	AD
SA	1049	250 - SCT	20			237	62	12	04	15		026		AD
SA	1149	250 - SCT	20			223	63	12	03	12		024		AD
SA	1249	250 - SCT	20			213	67	12	02	10		021	724 1001	AD
SA	1349	250 - SCT	20			202	68	14	04	08		018		AD
SA	1449	250 - SCT	20			202	68	12	04	06		018		AD
SA	1550	250- SCT	20			203	67	12	03	07		018	610 1001 70 RADAT 21123	SEA
SA	1653	250 - SCT	20			215	54	17	05	08		019		SEA
SA	1755	CLR	20			218	55	15	07	09		020	FEW CI	SEA
SA	1856	CLR	20			219	53	12	04	08		021	FEW CI / 108 1001	SEA
SA	1953	250-SCT	20			222	51	11	05	08		022		SEA
SA	2054	250 - SCT	20			223	55	9	06	11		024		SEA
SA	2151	250-SCT	20			225	54	9	05	12		025	212 1008 70	SEA
SA	2256	250-SCT	20			225	50	13	04	08		025		SEA
SA	2354	250 - SCT	20			224	53	13	05	08		025		SEA

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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 23 DEC 1985

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			23	3	3	CI	250												0	8	.010			00-01
01 50	26.840			18	3															0					01-02
02 50	26.840			19	4															0					02-03
03 49	26.830			25	4	4	CI	250												1	7	.020			03-04
04 49	26.830			29	4															1					04-05
05 49	26.830			27	4															1					05-06
06 49	26.830			24	5	5	CI	250												2	4	.000			06-07
07 49	26.830			24	5															2					07-08
08 49	26.850			18	4															1					08-09
09 49	26.850			15	4	4	CI	250												1	1	.020			09-10
10 49	26.830			14	4															1					10-11
11 49	26.810			13	4															1					11-12
12 49	26.780			12	4	4	CI	250												1	7	.010			12-13
13 49	26.760			12	4															1					13-14
14 49	26.760			11	4															1					14-15
15 50	26.750			12	4	4	CI	250												1	6	.030			15-16
16 53	26.760			24	1															0					16-17
17 55	26.770			20	0															0					17-18
18 56	26.775			19	0	0	CI	250												0	1	.025			18-19
19 53	26.780			19	1															0					19-20
20 54	26.800			15	1															0					20-21
21 57	26.810			16	1	1	CS	250												0	2	.035			21-22
22 56	26.810			22	1															0					22-23
23 54	26.810			21	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	42	X	X						X		
	0345	1	0	0	0	53	42		0								
	0945	2	0	0	0	59	39		0								
	1548	3	0	0	0	70	59		0								
	2149	4	0	0	0	67	50		0								
	MID.	X	0	0	0	57	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.850	26.750	26.810
BAROGRAPH 64	26.830	26.840	26.750	26.800
BAR. CORR. 65	Ø	+.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 UNHL TO (Ins.) 69	T/A/R SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	39	0	0	0	20	NE	2318					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 04P +1 Sec. ± Sec./1757PST ±0 Sec./ ± Sec.

SP=

RS=

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: 24 DEC 1985

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 (Hg.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	250-SCT	20			215	54	14	04	14		023	805 1001	SEA
SA	0154	CLR	20			216	53	15	01	12		024	FEW CI	SEA
SA	0255	CLR	20			216	53	16	11	08		024	FEW CI	SEA
SA	0355	CLR	20			224	48	16	00	00		024	205 48 RADAT 25129	AD
SA	0455	CLR	20			226	49	18	04	10		023		AD
SA	0555	CLR	20			231	41	17	29	05		023		AD
SA	0655	CLR	20			229	47	17	00	00		023	603	AD
SA	0755	CLR	20			245	49	18	00	00		027		AD
SA	0850	CLR	20			237	56	18	05	11		027		AD
SA	0950	250-SCT	20			236	58	18	07	10		027	114 1001 40	AD
SA	1050	250-SCT	20			230	62	18	04	11		026		AD
SA	1150	250-SCT	20			213	64	18	03	11		022		AD
SA	1250	250-SCT	20			210	66	17	03	12		021	720 1001	AD
SA	1350	250-SCT	20			202	67	18	05	10		018		AD
SA	1450	250-SCT	20			201	68	20	04	08		018		AD
SA	1550	250-SCT	20			206	66	20	05	10		019	607 1001 68 RADAT 20135	SEA
SA	1656	250-SCT	20			209	58	21	05	10		019		SEA
SA	1757	CLR	20			220	54	21	04	10		020	FEW CI DSNT SW	SEA
SA	1853	CLR	20			221	53	20	04	08		022	~~320~~ 307	SEA
SA	1951	CLR	20			224	53	24	03	13		023		SEA
SA	2055	CLR	20			223	53	23	05	10		024	FEW CI	SEA
SA	2150	~~CLR~~ 250-SCT	20			223	52	24	04	12		024	107 1001 68	SEA
SA	2257	250-SCT	20			225	52	24	03	14		025		SEA
SA	2354	CLR	20			218	53	24	08	12		024	FEW CI	SEA

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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 24 DEC 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.745			20	1	1	CI	250												0	8	.015			00-01
01 54	26.800			22	0															0					01-02
02 55	26.800			23	0															0					02-03
03 55	26.810			27	0															0	2	.015			03-04
04 55	26.800			29	0															0					04-05
05 55	26.800			38	0															0					05-06
06 56	26.800			30	0															0	6	.010			06-07
07 55	26.840			31	0															0					07-08
08 50	26.840			22	0															0					08-09
09 50	26.840			21	2	2	CI	250												0	1	.040			09-10
10 50	26.820			18	2															0					10-11
11 50	26.790			17	2															0					11-12
12 50	26.780			15	3	3	CI	250												0	7	.060			12-13
13 50	26.760			15	3															0					13-14
14 50	26.760			16	3															0					14-15
15 50	26.760			17	1	1	CI	250												0	6	.020			15-16
16 56	26.760			24	1															0					16-17
17 51	26.770			27	0															0					17-18
18 53	26.780			27	0															0	3	.020			18-19
19 51	26.790			31	0															0					19-20
20 55	26.800			31	0															0					20-21
21 50	26.800			33	2	2	CI	250												0	1	.020			21-22
22 57	26.810			33	2															0					22-23
23 54	26.800			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 0345		0	0		54	48										
	0345	1	0	0	0	57	48		0								
	0945	2	0	0	0	58	40		0								
	1548	3	0	0	0	68	58		0								
	2148	4	0	0	0	66	51		0								
	MID.		0	0	0	53	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.840	26.760	26.800
BAROGRAPH 64	26.800	26.840	26.760	26.800
BAR. CORR. 65	+.010	Ø	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	40	0	0	0	20	NE	0913✓					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 04P ±1 Sec. ± Sec./1817/1857 ± Sec./ ± Sec.

1853/1853
2150/2147
✓ LAST OF SEVERAL OCCURRANCES

SP=
RS=

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: 25 DEC 1985

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (14)
SA	0054	250-SCT	20			222	52	24	07	09		025	103 1001	SEX
SA	0152	250-SCT	20			225	51	24	06	11		026		SEX
SA	0254	CLR	20			225	51	24	05	16		026	FEW CI	SEX
SA	0349	CLR	20			228	48	24	05	12		026	103 48 RADAT 20130	AO
SA	0449	CLR	20			231	50	24	06	16		026		AO
SA	0549	CLR	20			234	50	23	05	18		026		AO
SA	0649	220 - SCT	65			235	48	23	05	17		026	400 1001	AO
SA	0749	220 - SCT	65			242	51	23	06	14		028		AO
SA	0849	220 - SCT	65			244	53	23	06	17		029		AO
SA	0949	220 - SCT BKN	65			246	56	23	06	15		030	214 1001 48	AO
SA	1049	220 - BKN	65			245	60	24	04	14		030		AO
SA	1159	220 - BKN	65			231	63	23	09	04		027		AO
SA	1249	220 - BKN	65			215	65	21	10	12		023	824 1001	AO
SA	1349	220 - BKN	65			203	66	20	12	14		019		AO
SA	1449	220 - BKN	65			199	66	20	13	10		018		AO
SA	1552	250 - BKN	20			198	64	20	13	11		016	617 1001 66 RADAT 20133	WPG
SA	1653	250 - BKN	20			205	58	21	11	07		017		WPG
SA	1752	250 - BKN	20			210	56	21	12	06		018		WPG
SA	1852	250 - OVC	20			218	50	21	00	00		019	210 1001	WPG
SA	1952	250 - BKN	20			218	50	21	07	06		020		WPG
SA	2050	250 - BKN	20			223	44	22	00	00		021		WPG
SA	2152	250 - SCT	20			224	48	22	17	04		022	207 1001 66	WPG
SA	2252	CLR	20			220	47	23	07	04		022	FEW CI SW	WPG
SA	2352	CLR	20			216	43	22	12	05		021	FEW CI SW	WPG

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$_1$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 25 DEC 1985

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	26.810			33	3	3	C1	250												0	1	.010			00-01
01 52	26.820			35	2															0					01-02
02 54	26.820			35	0															0					02-03
03 49	26.820			39	0															0	1	.010			03-04
04 49	26.820			36	0															0					04-05
05 49	26.820			34	0															0					05-06
06 49	26.820			37	3	3	C1	220												0	4	.000			06-07
07 49	26.840			33	3															0					07-08
08 49	26.850			31	4															0					08-09
09 49	26.860			29	6	6	C1	220												1	2	.040			09-10
10 59	26.860			25	7															1					10-11
11 59	26.830			21	9															2					11-12
12 49	26.790			18	9	9	C1	220												2	8	.070			12-13
13 49	26.760			17	9															2					13-14
14 49	26.750			17	9															2					14-15
15 52	26.740			18	9	9	C1	250												3	6	.050			15-16
16 53	26.750			24	9															3					16-17
17 52	26.760			26	9															3					17-18
18 52	26.770			32	10	10	C1	250												4	2	.030			18-19
19 52	26.775			32	8															3					19-20
20 50	26.780			41	6															3					20-21
21 52	26.790			35	3	3	C1	250												1	2	.020			21-22
22 52	26.790			39	0															0					22-23
23 52	26.780			43	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	PRECIP. (Ins.) 64	SNOW FALL (Ins.) 65	SNOW DEPTH (Ins.) 66	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	54	48	X	X						X		
	0345	1	0	0	0	54	48		0								
	0945	2	0	0	0	55	48		0								
	1549	3	0	0	0	66	55		0								
	2149	4	0	0	0	64	43		0								
	MID.	X	0	0	0	49	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.860	26.740	26.790
BAROGRAPH 64	26.820	26.860	26.745	26.785
BAR. CORR. 65	Ø	Ø	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	42	0	0	0	24	NE	0553					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0SP +2 Sec. ± Sec./ 2202 @ 2 Sec./ ± Sec.

0949/0950

*Barograph Changed 2200

SP=

RS=

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: 26 DEC 1985

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	0052	250 -SCT	20			210	41	23	00	00		018	810 1001	HRG
SA	0152	250 -SCT	20			201	44	23	11	05		016		HRG
SA	0250	CLR	20			199	39	23	25	04		015	FEW CI	HRG
SA	0357	250-SCT	20			195	39	22	32	03		014	614 1001 38	DC
													RADAT 20130	
SA	0452	250 - SCT	20			200	38	22	00	00		014		DC
SA	0552	250- SCT	20			201	37	23	09	03		014		DC
SA	0653	250 - SCT	20			208	35	23	03	04		014	400 1006	DC
SA	0757	250 - SCT	20			207	41	25	14	03		015		DC
SA	0853	250- SCT	20			211	45	23	11	03		016		DC
SA	0955	250 - SCT	20			206	52	24	00	00		016	107 1008 34	DC
SA	1052	CLR	20			191	57	23	21	03		013	FEW CI	DC
SA	1147	CLR	20			180	61	23	21	03		010	CI S	DC
SA	1253	CLR	20			169	62	23	19	07		007	CI S / 730 1001	DC
SA	1353	CLR	20			164	62	23	22	05		005	CI S	DC
SA	1446	CLR	20			166	62	23	22	07		005	CI S	DC
SA	1552	CLR	20			170	60	22	22	07		006	500 1001 63 RADAT 20126	HRG
SA	1652	250 - SCT	20			178	55	22	17	03		007		HRG
SA	1752	250 - SCT	20			189	46	24	07	04		009		HRG
SA	1852	250 - SCT	20			201	43	24	13	05		011	314 1001	HRG
SA	1950	250 - SCT	20			202	42	23	06	04		012		HRG
SA	2050	250 - BKN	20			202	42	24	00	00		013		HRG
SA	2152	250 - SCT	20			203	40	24	11	04		014	210 1001 63	HRG
SA	2252	250 - SCT	20			200	40	24	00	00		014		HRG
SA	2350	250 - SCT	20			202	39	24	07	06		015		HRG

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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 26 DEC 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.760			48	1	1	CI	250												0	8	.030			00-01
01 52	26.740			43	1															0					01-02
02 50	26.730			52	0															0					02-03
03 57	26.720			50	1	1	CI	250												0	6	.040			03-04
04 52	26.720			52	1															0					04-05
05 52	26.720			57	1															0					05-06
06 53	26.720			61	3	3	CS	250												0	4	.000			06-07
07 57	26.730			53	5															0					07-08
08 58	26.740			41	1															0					08-09
09 55	26.740			33	1	1	CS	250												0	1	.020			09-10
10 52	26.710			27	0															0					10-11
11 47	26.680			23	0															0					11-12
12 53	26.650			22	0	0	CI	250												0	7	.090			12-13
13 53	26.640			22	0															0					13-14
14 46	26.640			22	0															0					14-15
15 52	26.650			23	0	0	CI	250												0	5	.000			15-16
16 52	26.660			28	T															0					16-17
17 52	26.670			41	2															1					17-18
18 52	26.690			46	3	3	CI	250												1	3	.040			18-19
19 50	26.700			48	3															1					19-20
20 50	26.710			49	6															2					20-21
21 52	26.720			52	5	5	CI	250												2	2	.030			21-22
22 52	26.720			51	4															2					22-23
23 50	26.730			55	3															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 0350					45	38										
	0350	1	0	0	0	49	38		0								
	0948	2	0	0	0	52	34		0								
	1549	3	0	0	0	63	52		0								
	2149	4	0	0	0	60	40		0								
	MID.		0	0	0	41	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.740	26.650	26.720
BAROGRAPH 64	26.725	26.735	26.655	26.715
BAR. CORR. 65	-.005	+.005	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	34	0	0	0	11	SW	1515					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0807 ± 0 Sec./ 2309 ± 0 Sec./ ± Sec.

SP=

RS=

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: 27 DEC 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INSPECTOR'S INITIALS (14)
SA	0052	250 -SCT	20			200	41	23	31	03		015	103 1001	WRG
SA	0150	250 -SCT	20			201	38	23	12	07		015		WRG
SA	0250	250 - SCT	20			205	37	23	11	05		016		WRG
SA	0357	250 - SCT	20			200	35	22	31	05		014	803 1001 35	DC
													RADAT 20112	
SA	0454	250 - SCT	20			204	35	22	00	00		014		DC
SA	0555	CLR	20			213	34	23	08	06		015	FEW CI	DC
SA	0653	250 - SCT	20			220	34	22	12	05		016	307 1001	DC
SA	0755	CLR	20			225	38	24	00	00		018	FEW CI	DC
SA	0853	250 - SCT	20			224	45	24	00	00		020		DC
SA	0952	250 - SCT	20			226	51	22	00	00		021	114 1001 32	DC
SA	1050	250 - SCT	20			215	55	22	24	06		018		DC
SA	1155	CLR	20			205	59	21	20	05		016	FEW CI	DC
SA	1255	CLR	20			197	60	21	19	07		014	720 1001	DC
SA	1352	CLR	20			195	60	21	22	07		013	FEW CI	DC
SA	1446	CLR	20			200	60	21	23	08		014	FEW CI	DC
SA	1552	CLR	20			209	59	22	23	10		015	303 1005 61 RADAT 20117	WRG
SA	1652	250 - SCT	20			212	53	22	00	00		016		WRG
SA	1752	250 - SCT	20			219	44	24	00	00		016		WRG
SA	1850	250 - BKN	20			227	41	24	05	06		018	310 1001	WRG
SA	1950	250 - BKN	20			230	41	22	00	00		019		WRG
SA	2050	250 - BKN	20			231	39	22	00	00		021		WRG
SA	2152	250 - BKN	20			233	36	22	00	00		022	210 1004 61	WRG
SA	2252	250 - BKN	20			225	38	21	12	07		021		WRG
SA	2350	250 - OVC	20			218	37	21	13	06		019		WRG

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:1984-0-764-006/6065

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 27 DEC 1985

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.
0052	26.730			48	2	2	CI	250												1	1	.010			00-01
0150	26.730			53	4															1					01-02
0250	26.740			57	3															1					02-03
0357	26.720			59	1	1	CI	250												0	8	.010			03-04
0454	26.720			59	1															0					04-05
0555	26.730			64	0															0					05-06
0653	26.740			61	1	1	CI	250												0	3	.020			06-07
0755	26.760			57	0															0					07-08
0853	26.770			43	1															0					08-09
0952	26.780			32	1	1	CI	250												0	1	.040			09-10
1050	26.760			27	3															0					10-11
1155	26.735			23	0															0					11-12
1255	26.720			22	0	0	CI	250												0	7	.060			12-13
1352	26.710			22	0															0					13-14
1446	26.720			22	0															0					14-15
1552	26.730			24	0	0	CI	250												0	3	.010			15-16
1652	26.740			30	4															1					16-17
1752	26.740			45	3															1					17-18
1850	26.760			50	6	6	CI	250												2	3	.030			18-19
1950	26.770			47	6															3					19-20
2050	26.780			50	6															3					20-21
2152	26.790			55	7	7	CI	250												3	2	.030			21-22
2252	26.780			50	8															4					22-23
2350	26.770			52	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		42	35										
	0350	1	0	0	0	42	35		0								
	0947	2	0	0	0	51	32		0								
	1549	3	0	0	0	61	51		0								
	2149	4	0	0	0	59	36		0								
	MID.		0	0	0	39	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.780	26.730	26.790
BAROGRAPH 64	26.720	26.775	26.720	26.775
BAR. CORR. 65	0	+.005	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	32	0	0	0	10	SW	1547					1	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0806 ±0 Sec./ 2220 ±0 Sec./ ± Sec.

SP=

RS=

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: 28 DEC 1985

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 (18)
SA	0052	250 -OVC	20			217	37	21	00	00		019	607 1007	WRG
SA	0152	250 -OVC	20			216	34	22	00	00		019		WRG
SA	0250	250 -OVC	20			219	36	21	10	04		019		WRG
SA	0357	E 250 OVC	20			226	33	21	10	04		021	303 1007 33	DC
													RADAT 20112	
SA	0450	250-OVC	20			225	33	21	00	00		020		DC
SA	0559	250-OVC	20			235	33	21	11	05		021		DC
SA	0646	250-OVC	20			236	33	20	12	03		021	500 1007	DC
SA	0752	250-OVC	20			244	35	21	11	04		023	BINOVC S	DC
SA	0855	250-BKN	20			245	42	21	00	00		025		DC
SA	0951	250-BKN	20			241	49	21	30	03		024	010 1008 30	DC
SA	1046	250-BKN	20			234	54	20	24	04		023		DC
SA	1148	250-BKN	20			219	58	19	00	00		020		DC
SA	1251	250-SCT	20			212	61	19	23	03		018	719 1001	DC
SA	1350	250-SCT	20			208	62	19	30	03		016		DC
SA	1446	250-BKN	20			207	61	20	00	00		016		DC
SA	1552	250-BKN	20			210	58	18	14	06		016	605 1008 62 RADAT 20112	WRG
SA	1652	250-OVC	20			214	52	20	12	04		016	FEW AC DSNT SW	WRG
SA	1752	250-OVC	20			220	48	20	13	07		017		WRG
SA	1852	250-OVC	20			223	45	21	11	06		017	103 1007	WRG
SA	1952	250-BKN	20			224	41	21	03	04		017		WRG
SA	2050	160SCT 250-BKN	20			219	41	22	35	04		017		WRG
SA	2152	160SCT 250-BKN	20			216	38	22	00	00		017	400 1078 62	WRG
SA	2252	250-OVC	20			212	40	23	01	05		017		WRG
SA	2350	250-OVC	20			209	43	21	23	06		017		WRG

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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 DEC 1985

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.
0052	26.770			52	10	10	CS	250												4	6	.020			00-01
0152	26.765			60	10															4					01-02
0250	26.770			55	10															4					02-03
0357	26.780			61	10	10	CS	6250												6	3	.010			03-04
0450	26.770			61	10															5					04-05
0359	26.780			61	10															3					05-06
0646	26.780			58	10	10	CS	250												2	5	.000			06-07
0752	26.800			56	10															4					07-08
0855	26.815			43	9															2					08-09
0951	26.810			33	8	8	CS	250												2	0	.030			09-10
1046	26.800			26	6															1					10-11
1148	26.770			22	8															1					11-12
1251	26.755			19	1	1	CI	250												0	7	.055			12-13
1350	26.740			19	1															0					13-14
1446	26.740			20	6															0					14-15
1552	26.740			21	6	6	CS	250												3	6	.015			15-16
1652	26.740			28	10															3					16-17
1752	26.750			33	10															4					17-18
1852	26.750			39	10	10	CS	250												4	1	.010			18-19
1952	26.750			45	9															4					19-20
2050	26.750			46	8															4					20-21
2152	26.750			52	7	1	AC	160	6	CS	250	7								2	4	.000			21-22
2252	26.750			50	10															4					22-23
2350	26.750			42	10															3					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 0350		0	0		39	33										
	0350	1	0	0	0	39	33		0								
	0947	2	0	0	0	49	30		0								
	1549	3	0	0	0	62	49		0								
	2149	4	0	0	0	58	38		0								
	MID.		0	0	0	43	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.810	26.740	26.750
BAROGRAPH 64	26.770	26.805	26.735	26.755
BAR. CORR. 65	+.010	+.005	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	30	0	0	0	10	E	1940					7	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0910 ± 0 Sec./ 2326 ± 0 Sec./ ± Sec.

SP=

RS=

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

☆ U.S.GPO:1983-0-784-006/6089

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: 29 DEC 1985

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 (13b)
SA	0052	250 - BKN	20			206	38	24	05	05		016	803 1008	WRG
SA	0152	160 SCT 250 - OVC	20			205	39	24	36	05		016		WRG
SA	0250	160 SCT 250 - OVC	20			205	40	25	00	00		016		WRG
SA	0350	140 SCT 250 - OVC	20			206	42	24	00	00		016	400 10787 37	CH
													RADAT 69104	
SA	0450	E100 BKN 250 OVC	20		R-	205	43	32	03	03		015	RB39	CH
SA	0550	E 80 BKN 250 OVC	15		R-	208	42	35	03	03		015		CH
SA	0650	E 80 BKN 250 OVC	15		R-	208	44	29	13	04		015	60302 10787	CH
SA	0750	E 80 BKN 250 OVC	15			220	43	33	28	05		017	RE21	CH
SA	0850	80 SCT E250 OVC	20			224	47	28	10	07		019		CH
SA	0950	45 SCT 80 SCT E250 OVC	20			224	50	28	25	04		019	11402 15787 37	CH
SA	1050	M38 BKN 80 BKN 250 OVC	20			214	52	31	00	00		017		CH
SA	1150	M38 OVC	15			201	53	29	00	00		014		CH
SA	1250	M40 BKN 80 BKN 250 OVC	15			191	54	30	00	00		011	727 1577	CH
SA	1350	M40 BKN 250 OVC	20			185	56	30	00	00		010		CH
SA	1450	40 SCT 250 - BKN	20			177	56	30	30	03		008		CH
SA	1552	40 SCT 160 SCT E250 BKN	20			181	55	28	12	07		008	507 1478 58	WRG
													RADAT 68108	
SA	1652	40 SCT E160 BKN 250 OVC	20			182	52	30	08	05		008		WRG
SA	1750	40 SCT E160 BKN 250 BKN				186	51	31	09	04		010		WRG
SA	1852	M45 BKN 160 BKN 250 BKN	20			189	49	32	32	04		011	307 1478	WRG
SA	1950	M45 BKN 160 OVC	20			195	49	28	00	00		012		WRG
SA	2050	M45 BKN 160 BKN	20			196	50	31	12	04		013		WRG
SA	2152	M41 BKN 160 OVC	20			194	50	31	32	05		013	107 157/ 58	WRG
SA	2252	M41 OVC	20			191	50	27	00	00		012	Moon only VSBL	WRG
SA	2350	M41 BKN 250 OVC	20			186	49	26	11	09		011		WRG

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 29 DEC 1985

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.
0052	26.740			57	9	9	CS	250												4	8	.010			00-01
0152	26.740			54	10															4					01-02
0250	26.740			54	10															3					02-03
0350	26.740			49	10	1	AC	140	10	CS	250	10								3	4	.000			03-04
0450	26.730			65	10															9					04-05
0550	26.730			76	10															9					05-06
0650	26.730			55	10	7	AC	E80	10	CS	250	10								8	6	.010			06-07
0750	26.750			68	10															7					07-08
0850	26.770			47	10															7					08-09
0950	26.770			42	10	3	SC	45	2	AC	80	5	10	CS	E250	10				8	1	.040			09-10
1050	26.750			44	10															9					10-11
1150	26.720			40	10															10					11-12
1250	26.690			40	10	6	SC	M40	2	AC	80	8	10	CS	250	10				9	7	.080			12-13
1350	26.680			37	10															8					13-14
1450	26.660			37	8															3					14-15
1552	26.670			35	8	4	SC	40	1	AC	160	5	3	CS	E250	8				6	5	.020			15-16
1652	26.670			43	10															7					16-17
1750	26.680			46	9															7					17-18
1852	26.690			53	9	6	SC	M45	2	AC	160	8	1	CS	250	9				8	3	.020			18-19
1950	26.700			44	10															9					19-20
2050	26.710			49	9															8					20-21
2152	26.710			49	10	8	SC	M41	2	AC	160	10								10	1	.020			21-22
2252	26.700			40	10															10					22-23
2350	26.690			41	10															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		43	37										
	0347	1	0	0	0	43	37		0								
	0947	2	.02	0	0	50	42		0								
	1549	3	0	0	0	58	49		0								
	2149	4	0	0	0	55	48		0								
	MID.		0	0	0	50	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.690	26.710
BAROGRAPH 64	26.735	26.765	26.680	26.705
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 UNHL 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	37	.02	0	0	13	E	2304					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
R-	0439	0721			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0542 P ± 2 Sec./ 1952 ± 1 Sec./ ± Sec.

*Barograph changed and reset

0350/0650/0950 CLD CODE 1077/1300 12/31/85

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/5069

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: 30 DEC 1985

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 (18)
SA	0050	M 41 BKN 160 OVC	20			183	48	28	13	08		010	710 157/	WRG
SA	0152	M 41 BKN 160 BKN	20			177	47	26	00	00		008		WRG
SA	0250	M 41 BKN 160 BKN	20			173	47	27	09	07		007		WRG
SA	0350	E 41 BKN 160 BKN	20			174	46	26	13	08		007	607 157X 45	CH
													20002 RADAT64098	
SA	0450	E 45 BKN 140 BKN	20			173	45	26	12	10		006		CH
SA	0550	45 SCT E 140 BKN	20			174	44	25	12	12		006		CH
SA	0650	35 SCT E 140 BKN	20			176	43	29	00	00		006	603 157X	CH
SA	0750	M 45 BKN 140 BKN	20			185	42	29	00	00		008		CH
SA	0850	M 41 BKN 140 BKN	20			186	45	29	28	04		010		CH
SA	0950	M 39 BKN 140 BKN	20			183	49	30	29	04		010	110 157 0 41	CH
SA	1050	M 35 OVC	20			177	51	31	33	05		008	BRKS W	CH
SA	1150	M 35 OVC	20			175	52	32	00	00		007	BRKS W	CH
SA	1250	M 38 BKN	20			166	54	30	13	05		005	714 1500	CH
SA	1350	38 SCT	20			161	58	33	10	04		004		CH
SA	1450	38 SCT	20			155	60	37	00	00		003		CH
SA	1552	E 40 BKN	20			159	61	41	27	07		004	503 1500 62	WRG
													RADAT 78090	
SA	1652	40 SCT	20			167	55	41	00	00		005		WRG
SA	1752	40 SCT	20			179	49	39	04	06		008		WRG
SA	1852	CLR	20			188	47	39	00	00		010	317 1500	WRG
SA	1952	CLR	20			199	44	39	05	03		012	FEW SC S	WRG
SA	2050	250 - BKN	20			201	45	39	12	04		013		WRG
SA	2152	E 120 BKN 250 BKN	20			207	43	39	00	00		015	217 1028 62	WRG
SA	2250	120 SCT 250 - OVC	20			201	44	38	00	00		014		WRG
SA	2350	250 - OVC	20			201	44	38	11	04		014		WRG

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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 30 DEC 1985

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			45	10	7	SC	M41	3	AC	160	10								9	7	.030			00-01
01 52	26.670			44	9															9					01-02
02 50	26.660			47	9															8					02-03
03 50	26.660			45	9	6	SC	E41	3	AC	160	9								9	6	.020			03-04
04 50	26.650			47	9															9					04-05
05 50	26.650			47	9															9					05-06
06 50	26.650			57	9	4	SC	35	5	AC	E140	9								9	6	.010			06-07
07 50	26.670			60	9															9					07-08
08 50	26.680			53	9															9					08-09
09 50	26.680			48	9	8	SC	M39	1	AC	140	9								9	1	.030			09-10
10 50	26.670			46	10															10					10-11
11 50	26.660			46	10															10					11-12
12 50	26.640			40	9	9	SC	M38												9	7	.040			12-13
13 50	26.630			39	2															2					13-14
14 50	26.620			42	2															2					14-15
15 52	26.630			49	6	6	SC	E40												6	5	.010			15-16
16 52	26.640			58	2															2					16-17
17 52	26.665			68	1															1					17-18
18 52	26.680			73	0	0	SC	40												0	3	.050			18-19
19 52	26.700			81	0															0					19-20
20 50	26.710			80	6															3					20-21
21 52	26.730			85	8	6	AS	E120	2	CS	250	8								7	2	.050			21-22
22 50	26.720			79	10															5					22-23
23 50	26.720			79	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	49	45	X	X						X		
	0347	1	0	0	0	50	45		0								
	0947	2	0	0	0	49	41		0								
	1549	3	0	0	0	62	49		0								
	2149	4	0	0	0	61	43		0								
	MID.	X	0	0	0	45	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.680	26.630	26.730
BAROGRAPH 64	26.660	26.680	26.640	26.720
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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	41	0	0	0	12	SE	0545					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0455P 00 Sec./ 1905 00 Sec./ ± Sec.

0350/ 0350

0350 + 0650/ 0100 0.5 570 / 1320 12/31/85

SP=

RS=

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: 31 DEC 1985

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 deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (14)
SA	0052	250 -OVC	20			200	43	39	04	05		014	603 1007	WRG
SA	0152	250 -OVC	20			197	44	37	11	05		014		WRG
SA	0250	250 -OVC	20			195	46	37	11	04		014		WRG
SA	0350	250 - OVC	20			195	45	38	35	05		014	400 1007 42	CH
/													RADAT 65097	/
SA	0450	150 SCT 250 - OVC	20			202	44	37	10	05		015		CH
SA	0550	40 SCT 150 SCT 250 - OVC	20			205	45	38	00	00		015		CH
SA	0650	40 SCT E120 BKN 250 OVC	20			205	47	38	05	06		015	103 1577	CH
SA	0750	M 48 OVC	20			207	47	39	16	04		015		CH
SA	0850	M 48 BKN 210 OVC	20			208	49	38	01	05		016		CH
SA	0950	M 41 BKN 210 OVC	20			217	50	38	30	05		018	310 1507 42	CH
SA	1050	M 41 BKN 210 OVC	20			207	53	38	05	03		016		CH
SA	1150	M 36 BKN 210 OVC	20			200	53	38	00	00		014		CH
SA	1250	M 38 BKN 210 OVC	20			195	54	38	04	05		013	717 1507	CH
SA	1350	38 SCT 120 SCT	20			177	57	38	14	07		009		CH
SA	1450	38 SCT	20			169	58	38	13	08		006		CH
SA	1552	CLR	20			170	57	37	14	06		006	620 1500 58	WRG
/												/	RADAT 75088	/
SA	1652	CLR	20			182	52	37	13	07		006	Few SC S-W	WRG
SA	1752	CLR	20			191	48	37	06	07		011		WRG
SA	1852	CLR	20			199	44	35	00	00		013	220	WRG
SA	1952	CLR	20			200	43	37	00	00		013		WRG
SA	2050	CLR	20			205	44	36	11	08		015		WRG
SA	2152	CLR	20			208	40	35	09	04		015	107 58	WRG
SA	2252	CLR	20			205	40	35	03	06		015		WRG
SA	2352	CLR	20			206	40	36	04	03		015		WRG

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:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 31 DEC 1985

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	26.720			84	10	10	CS	250												5	6	.010			00-01
01 52	26.720			76	10															4					01-02
02 50	26.720			69	10															3					02-03
03 50	26.720			76	10	10	CS	250												4	4	.000			03-04
04 50	26.730			76	10															4					04-05
05 50	26.730			76	10															4					05-06
06 50	26.730			71	10	2	SC	40	5	AC	E120	7	10	CS	250	10				9	1	.010			06-07
07 50	26.730			74	10															10					07-08
08 50	26.740			66	10															10					08-09
09 50	26.760			63	10	6	SC	M41	10	CS	210	10								10	3	.030			09-10
10 50	26.740			57	10															10					10-11
11 50	26.720			57	10															10					11-12
12 50	26.710			55	10	7	SC	M38	10	CS	210	10								9	7	.050			12-13
13 50	26.670			49	4															4					13-14
14 50	26.650			47	1															1					14-15
15 52	26.650			47	0	0	SC	40												0	6	.060			15-16
16 52	26.670			55	0															0					16-17
17 52	26.690			64	0															0					17-18
18 52	26.710			70	0															0	2	.060			18-19
19 52	26.710			78	0															0					19-20
20 50	26.730			73	0															0					20-21
21 52	26.730			82	0															0	1	.020			21-22
22 52	26.730			82	0															0					22-23
23 52	26.730			85	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	47	42	X	X						X		
	0350	1	0	0	0	47	42		0								
	0947	2	0	0	0	51	44		0								
	1549	3	0	0	0	58	50		0								
	2149	4	0	0	0	58	40		0								
	MID.	X	0	0	0	40	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.760	26.650	26.730
BAROGRAPH 64	26.715	26.740	26.665	26.720
BAR. CORR. 65	+.005	+.020	-.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	39	0	0	0	11	NE	1233					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0452 P ⊖ 0 Sec./ 2110 ⊕ 0 Sec./ ± Sec.

0750/0750

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/6009