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: May

YEAR: 1987

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED Knots	FASTEST MILE SPEED Knots	DIRECTION	SUNSHINE Ave. Sta. Pressure	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	71	54	63		2					11.9	29	SW	26.46		8		34	27	22	28
2	75	43	59		6					7.3	19	NE	26.56		8		54	19	13	19
3	80	57	69			4				9.8	19	NE	26.65		3		26	18	14	20
4	86	57	72			7				8.4	17	E	26.66		0		19	14	14	17
5	89	59	74			9				8.4	18	E	26.65		0		18	16	15	20
6	91	67	79			14				10.5	23	SE	26.65		4		16	16	16	23
7	86	60	73			8	0.02			8.9	21	SW	26.68		7	T, RW-	31	20	23	67
8	87	57	72			7	T			9.0	30	S	26.65		7	T, RW-	75	32	24	54
9	86	55	71			6	0.03			6.8	28	SW	26.59		4	RW-	75	26	22	36
10	87	59	73			8	T			6.9	22	S	26.53		5	RW-	54	23	21	32
11	90	63	77			12				7.8	30	SE	26.56		6		43	27	25	33
12	90	61	76			11	0.70			7.1	28	NE	26.55		4	T, RW+, RW-	51	26	55	66
13	91	59	75			10				5.8	12	NE	26.54		5		77	34	17	63
14	92	62	77			12				6.0	25	SW	26.56		8	T	67	24	20	43
15	82	60	71			6	0.26			7.7	22	SW	26.52		10	T, RW-	59	38	56	90
16	70	59	65				0.92			3.7	13	SE	26.56		10	T, RW-, R	100	97	66	86
17	83	57	70			5	T			6.4	24	S	26.45		3	T, RW-	90	52	23	47
18	83	57	70			5				7.5	28	SW	26.41		2		87	42	15	32
19	79	55	67			2				9.5	24	SW	26.35		7		45	13	15	44
20	72	55	64		1					11.0	28	S	26.39		2		53	38	21	45
21	73	50	62		3					6.7	20	N	26.55		2		71	40	19	48
22	80	55	68			3				8.2	18	NE	26.59		1		53	22	14	39
23	81	52	67			2				4.9	20	SW	26.53		4		47	14	14	39
24	79	55	67			2				9.4	37	S	26.45		7		40	25	13	30
25	70	50	60		5					11.5	30	SW	26.30		2		42	31	22	54
26	69	49	59		6					10.8	27	SW	26.39		8		43	39	26	38
27	74	54	64		1					7.0	21	SE	26.47		7		53	40	27	39
28	75	54	65				0.01			6.8	32	N	26.55		8	RW-	63	36	65	68
29	79	50	67				T			5.3	18	SE	26.56		9	RW-	77	33	24	40
30	86	55	71			6				6.7	23	SW	26.57		4		49	17	13	22
31	89	63	76			11				9.3	23	SW	26.51		0		30	18	15	19
SUM	2525	1743	—	—	24	150	1.94	0	—	247.0	—	—	822.44	—	155	—	1642	917	749	1312
AVG	81.5	56.2	—	—	—	—	—	—	—	8.0	FASTEST	DIRECTION		%		—	53	30	24	42
										MISC. →	37	S	26.53		5.0	—				

TEMPERATURE DATA

AVERAGE MONTHLY 68.8

DEPARTURE FROM NORMAL 1.6

HIGHEST 92 ON 14

LOWEST 43 ON 2

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 5

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 24

DEPARTURE FROM NORMAL -48

SEASONAL TOTAL 3034

DEPARTURE FROM NORMAL -19

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 150

DEPARTURE FROM NORMAL 2

SEASONAL TOTAL 197

DEPARTURE FROM NORMAL 23

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.94 IN.

DEPARTURE FROM NORMAL 1.34 IN.

GREATEST IN 24 HRS. 0.92 ON 16

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 10

PARTLY CLOUDY (Scale 4–7) 13

CLOUDY (Scale 8–10) 8

WITH 0.01 INCH OR MORE PRECIP. 6

WITH 0.10 INCH OR MORE PRECIP. 3

WITH 0.50 INCH OR MORE PRECIP. 2

WITH 1.00 INCH OR MORE PRECIP. 0

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

MAXIMUM PRECIPITATION

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

HIGHEST Sta. 26.73 IN. ON 7

LOWEST Sta. 26.23 IN. ON 25

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: WENAO, DESERT ROCK NEVADA

DATE: MAY 1 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	250 -SCT	20			082	63	30	22	14		986	603 10075	WRG
SA	0152	160 SCT 250 -BKN	20			082	62	30	22	08		986		WRG
SA	0252	160 SCT 250 -BKN	20			082	62	28	18	09		986		WRG
SA	0350	160 SCT 250 -BKN	20			079	58	30	14	07		985	803 1068 58	
													RADAT 40108	
SA	0450	240-BKN	20			086	55	34	31	05		986		CH
SA	0550	240-BKN	20			094	56	37	24	14	G19	988		CH
SA	0650	240-BKN	20			099	57	36	26	15		990	214 1008	CH
SA	0750	240-BKN	20			098	58	35	25	15		990		CH
SA	0850	240-BKN	20			094	61	35	23	18	G26	988		CH
SA	0950	240-BKN	20			094	65	30	24	18	G25	988	803 1008 54	CH
SA	1050	240-BKN	20			085	68	28	23	18	G27	986		CH
SA	1150	E240 BKN	20			081	69	29	23	19	G27	985		CH
SA	1250	E240 OVC	20			081	68	27	24	18	G26	985	610 1007	CH
SA	1350	E240 OVC	20			083	68	26	23	18		985		CH
SA	1450	E240 OVC	20			075	67	29	21	12		983		CH
SA	1552	E240 BKN	20			067	69	29	20	10	G20	981	814 1008 70 RADAT 20109	WRG
SA	1652	240 SCT	20			065	70	27	22	10	G18	980		WRG
SA	1752	240 -SCT	20			062	69	23	22	10	G18	979		WRG
SA	1852	230 SCT	20			063	67	21	21	07		979	607 1005	WRG
SA	1952	230 SCT	20			072	62	23	30	05		981		WRG
SA	2050	CLR	20			079	62	25	23	11		983	FCUCS SW	WRG
SA	2150	230 SCT	20			085	59	27	30	07		985	220 1008 71	WRG
SA	2252	230 SCT	20			089	57	28	33	06		986		WRG
SA	2352	230 -SCT	20			091	56	28	31	12		987		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 1 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.470			29	4	4	CS	250												2	6	.010			00-01
01 52	26.470			30	8															4					01-02
02 52	26.470			28	9															4					02-03
03 50	26.460			34	8	1	AC	160	7	CS	250	8								3	8	.010			03-04
04 50	26.470			45	8															3					04-05
05 50	26.490			49	8															3					05-06
06 50	26.500			45	9	9	CS	240												4	2	.040			06-07
07 50	26.500			42	9															4					07-08
08 50	26.490			38	8															3					08-09
09 50	26.490			27	7	7	CS	240												3	8	.010			09-10
10 50	26.470			22	9															4					10-11
11 50	26.460			22	9															7					11-12
12 50	26.460			21	10	10	CS	E240												8	6	.030			12-13
13 50	26.460			21	10															8					13-14
14 50	26.440			24	10															9					14-15
15 52	26.420			22	8	8	CS	E240												7	8	.040			15-16
16 52	26.410			20	3															2					16-17
17 52	26.400			18	2															1					17-18
18 52	26.400			18	1	1	CS	230												1	6	.020			18-19
19 52	26.420			22	1															1					19-20
20 50	26.440			25	0															0					20-21
21 50	26.460			29	2	2	CS	230												2	2	.060			21-22
22 52	26.470			33	2															2					22-23
23 52	26.480			34	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 0348		0	0		64	58										
	0348	1	0	0	0	66	58		0								
	0948	2	0	0	0	65	54		0								
	1550	3	0	0	0	70	65		0								
	2146	4	0	0	0	71	58		0								
	MID.		0	0	0	61	56										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.490	26.420	26.460
BAROGRAPH 64	26.470	26.500	26.430	26.465
BAR. CORR. 65	-.010	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	54	0	0	0	29	SW	1118					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 0451 SUNSET 1832

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. | ABBREVIATED DATE | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0401/2249 /

0652/CLD CODE 1608/0900 5/2/17

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 2 1987

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	230 -SCT	20			103	52	29	03	05		990	214 1001	WRG
SA	0150	230 -SCT	20			106	48	31	10	05		990		WRG
SA	0250	CLR	20			113	47	32	04	04		992		WRG
SA	0350	CLR	20			115	48	32	09	04		993	310 44 RADAT 51099	CH
SA	0450	CLR	20			122	44	32	06	05		994		CH
SA	0550	230- SCT	20			131	48	33	15	04		997		CH
SA	0650	230- SCT	20			134	58	22	07	05		000	320 1001	CH
SA	0750	230- SCT	20			140	60	24	09	14		001		CH
SA	0850	230- BKN	20			138	64	24	04	12		001		CH
SA	0950	230- BKN	20			138	66	23	04	07		001	103 1001 43	CH
SA	1050	230- BKN	20			134	68	21	03	05		000		CH
SA	1150	230- OVC	20			130	70	19	04	05		999		CH
SA	1250	230- OVC	20			123	73	21	21	07		996	714 1001	CH
SA	1350	230- OVC	20			121	74	21	32	07		995		CH
SA	1450	230- OVC	20			114	74	21	29	04		993		CH
SA	1552	E 230 OVC	20			109	73	20	07	10		992	714 1007 75 RADAT 34105	WRG
SA	1650	230 -OVC	20			110	74	20	07	03		992		WRG
SA	1750	230 -OVC	20			114	73	20	35	10		993		WRG
SA	1850	230 -OVC	20			115	70	20	34	08		994	307 1007	WRG
SA	1950	230 -OVC	20			120	67	21	35	10		996		WRG
SA	2050	230 -OVC	20			124	66	22	36	09		999		WRG
SA	2152	230 -OVC	20			136	65	22	03	10		001	220 1007 75	WRG
SA	2250	230 -OVC	20			136	64	24	04	12		001		WRG
SA	2350	230 -BKN	20			138	63	25	04	11		002		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 $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 2 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.500			42	2	2	CI	230												1	2	.040			00-01
01 50	26.500			52	1															0					01-02
02 50	26.520			55	0															0					02-03
03 50	26.530			54	0															0	3	.030			03-04
04 50	26.540			63	0															0					04-05
05 50	26.570			56	2															0					05-06
06 50	26.590			25	4	4	CI	230												0	3	.060			06-07
07 50	26.600			25	4															0					07-08
08 50	26.600			22	7															2					08-09
09 50	26.600			19	9	9	CI	230												2	1	.010			09-10
10 50	26.590			17	9															2					10-11
11 50	26.580			14	10															3					11-12
12 50	26.560			14	10	10	CS	230												3	7	.040			12-13
13 50	26.550			14	10															3					13-14
14 50	26.530			14	10															3					14-15
15 52	26.520			13	10	10	CS	E230												6	7	.040			15-16
16 50	26.520			13	10															5					16-17
17 50	26.530			14	10															4					17-18
18 50	26.540			15	10	10	CS	230												4	3	.020			18-19
19 50	26.560			17	10															4					19-20
20 50	26.580			19	10															3					20-21
21 52	26.600			19	10	10	CS	230												4	2	.060			21-22
22 50	26.600			21	10															4					22-23
23 50	26.610			23	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	56	44	X	X						X		
	0348	1	0	0	0	61	44		0								
	0948	2	0	0	0	66	43		0								
	1548	3	0	0	0	75	65		0								
	2148	4	0	0	0	75	65		0								
	MID.	X	0	0	0	65	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.600	26.520	26.600
BAROGRAPH 64	26.520	26.600	26.530	26.600
BAR. CORR. 65	+.010	±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	6 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	43	0	0	0	19	NE	0754					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 0449 SUNSET 1833

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1083O / 1944 /

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: MAY 3 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INDEXES (18)
SA	0050	230 -BKN	20			143	59	25	03	10		003	307 1008	4RD
SA	0150	230 -SCT	20			146	59	25	06	10		004		4RD
SA	0250	230 -SCT	20			151	58	24	08	08		005		4RD
SA	0352	230 -SCT	20			159	59	24	07	12		007	314 1008 58	4RD
SA	0458	230 -BKN	20			178	57	25	06	10		011	RADAT 46/02/1155	RD
SA	0555	230 -BKN	20			178	58	26	06	10		014		RD
SA	0652	230 -BKN	20			183	60	29	05	13		015	222 1008	RD
SA	0755	230 -BKN	20			181	65	27	05	11		014		RD
SA	0850	230 -BKN	20			178	67	26	03	13		014		RD
SA	0953	230 -SCT	20			177	69	24	04	12		014	603 1008 57	RD
SA	1053	230 -SCT	20			174	73	25	03	10		013		RD
SA	1156	230 -SCT	20			165	74	24	08	09		009		RD
SA	1250	CLR	20			145	78	24	03	08		005	727 1001	RD
SA	1350	CLR	20			137	78	25	03	06		003		RD
SA	1453	CLR	20			134	79	25	02	13		002		4RD
SA	1553	CLR	20			131	79	25	01	13		001	712 1001 80 RADAT 25/20	4RD
SA	1658	CLR	20			132	79	24	35	09		001		4RD
SA	1753	CLR	20			132	78	24	04	07		001		4RD
SA	1850	CLR	20			134	74	22	07	07		001	400	4RD
SA	1952	CLR	20			143	67	21	07	07		003		4RD
SA	2050	CLR	20			150	65	20	32	10		005		4RD
SA	2155	CLR	20			150	63	21	05	09		005	114 80	4RD
SA	2250	CLR	20			155	64	21	06	08		007		4RD
SA	2350	CLR	20			155	62	21	04	11		007		4RD

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

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

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

☆U.S.GPO.1984-0-764-005/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 3 1987

To convert LST to GMT ADD 7 hrs. SUBTRACT _ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620			27	7	7	CS	230												3	3	.020			00-01
01 50	26.630			27	5															2					01-02
02 50	26.640			27	4															2					02-03
03 57	26.660			26	3	3	CS	230												1	3	.040			03-04
04 58	26.690			29	4															2					04-05
05 55	26.715			29	7															2					05-06
06 52	26.725			28	6	6	CS	230												1	2	.065			06-07
07 55	26.720			24	6															1					07-08
08 50	26.715			21	6															1					08-09
09 53	26.715			18	5	5	CS	230												0	6	.010			09-10
10 53	26.705			17	3															0					10-11
11 56	26.690			15	3															0					11-12
12 50	26.635			13	0	0	CI	230												0	7	.080			12-13
13 50	26.615			14	0															0					13-14
14 53	26.600			14	0															0					14-15
15 53	26.600			14	0	0	CI	230												0	7	.035			15-16
16 58	26.600			13	0															0					16-17
17 53	26.600			13	0															0					17-18
18 50	26.600			14	0															0	4	.000			18-19
19 52	26.620			17	0															0					19-20
20 50	26.640			18	0															0					20-21
21 55	26.640			20	0															0	1	.040			21-22
22 50	26.660			19	0															0					22-23
23 50	26.660			20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	63	58	X	X						X		
	0348	1	0	0	0	65	58		0								
	0947	2	0	0	0	70	57		0								
	1548	3	0	0	0	80	69		0								
	2149	4	0	0	0	79	63		0								
	MID.	X	0	0	0	64	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1553	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.715	26.600	26.640
BAROGRAPH 64	26.675	26.730	26.600	26.630
BAR. CORR. 65	-.015	-.015	*+.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 TO (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 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
80	57	0	0	0	19	NE	1534					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0448 SUNSET 1833

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060/1 2215 /

*BAROGRAPH CHANGED - RESET

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

☆ U.S. Government Printing Office: 1988—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE MAY 04 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			161	62	22	03	08		009	214	[illegible]
SA	0153	CLR	20			166	61	21	03	10		011		[illegible]
SA	0258	CLR	20			170	60	20	04	14		012		[illegible]
SA	0354	CLR	20			171	61	19	08	12		013	208 59 RADAT 20131	RD
SA	0453	CLR	20			170	57	20	07	10		012		RD
SA	0554	CLR	20			175	62	20	35	05		014		RD
SA	0651	CLR	20			179	65	18	01	12		015	307	RD
SA	0752	CLR	20			178	68	20	01	11		014		RD
SA	0853	CLR	20			176	72	20	02	11		014		RD
SA	0956	CLR	20			168	76	24	03	06		012	710 57	RD
SA	1053	CLR	20			163	79	26	11	06		011		RD
SA	1151	CLR	20			155	80	28	04	14		008		RD
SA	1254	CLR	20			145	82	29	07	12		006	717	RD
SA	1351	CLR	20			136	83	31	02	08		003		RD
SA	1450	CLR	20			126	85	31	12	03		001		RD
SA	1553	CLR	20			120	85	31	04	12		999	622 86 RADAT 20125	[illegible]
SA	1655	CLR	20			122	85	30	02	07		999		[illegible]
SA	1750	CLR	20			121	82	28	13	08		999		[illegible]
SA	1856	CLR	20			126	77	26	09	07		000	303	[illegible]
SA	1955	CLR	20			135	72	21	02	04		002		[illegible]
SA	2052	CLR	20			143	67	19	06	04		004		[illegible]
SA	2156	CLR	20			145	65	19	25	04		005	117 86	[illegible]
SA	2257	CLR	20			148	64	18	11	09		006		[illegible]
SA	2354	CLR	20			151	64	18	12	04		007		[illegible]

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

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 04 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.680			21	0															0	2	.040			00-01
01 53	26.690			21	0															0					01-02
02 58	26.700			21	0															0					02-03
03 54	26.705			19	0															0	2	.025			03-04
04 53	26.700			24	0															0					04-05
05 54	26.715			20	0															0					05-06
06 55	26.725			16	0															0	3	.020			06-07
07 52	26.720			17	0															0					07-08
08 53	26.715			14	0															0					08-09
09 56	26.695			14	0															0	7	.030			09-10
10 53	26.690			14	0															0					10-11
11 51	26.665			15	0															0					11-12
12 54	26.645			13	0															0	7	.050			12-13
13 51	26.620			15	0															0					13-14
14 50	26.595			14	0															0					14-15
15 53	26.580			14	0															0	6	.065			15-16
16 55	26.580			14	0															0					16-17
17 50	26.580			14	0															0					17-18
18 56	26.590			15	0															0	3	.010			18-19
19 55	26.610			15	0															0					19-20
20 52	26.630			16	0															0					20-21
21 56	26.640			17	0															0	1	.050			21-22
22 54	26.650			17	0															0					22-23
23 54	26.660			17	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		63	59										
	0350	1	0	0	0	64	59		0								
	0951	2	0	0	0	77	57		0								
	1548	3	0	0	0	86	76		0								
	2150	4	0	0	0	85	64		0								
	MID.		0	0	0	71	62										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0955	1553	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.705	26.695	26.580	26.640
BAROGRAPH 64	26.685	26.695	26.585	26.625
BAR. CORR. 65	+020	±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 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
86	57	0	0	0	17	E	1246					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0447 PST SUNSET 1834 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065 / 1554 /

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

☆ U.S. Government Printing Office: 1986—454-383

MF 1 10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 05 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's-36's) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			157	59	18	00	00		008	210	RD
SA	0156	CLR	20			150	63	19	06	06		007		RD
SA	0252	CLR	20			153	63	20	05	09		008		RD
SA	0350	CLR	20			149	65	20	05	12		008	502 59 RADAT 31123	RD
SA	0453	CLR	20			150	67	19	04	12		008		RD
SA	0556	CLR	20			160	67	20	04	08		011		RD
SA	0652	CLR	20			165	76	21	04	15		012	212	RD
SA	0751	CLR	20			165	73	23	04	10		012		RD
SA	0853	CLR	20			162	78	27	36	06		011		RD
SA	0955	CLR	20			162	81	30	14	10		011	603 59	RD
SA	1057	CLR	20			155	85	32	19	07		009		RD
SA	1153	CLR	20			148	86	33	11	12		007		RD
SA	1254	CLR	20			145	86	34	07	13		006	CU S/615 1100	RD
SA	1350	CLR	20			135	88	35	02	12		004		RD
SA	1451	CLR	20			128	88	35	01	07		002	CU S	RD
SA	1555	CLR	20			124	88	35	06	12		001	715 1100 89 RADAT 34127	RD
SA	1655	CLR	20			124	87	34	09	08		001	FEW CU	RD
SA	1750	CLR	20			123	86	32	11	08		001		RD
SA	1858	CLR	20			126	78	27	08	07		001	400	RD
SA	1956	CLR	20			134	74	24	11	08		003		RD
SA	2050	CLR	20			140	72	24	29	03		005		RD
SA	2157	CLR	20			144	69	26	13	05		006	117 89	RD
SA	2255	CLR	20			148	67	27	04	03		007		RD
SA	2355	CLR	20			148	71	24	05	09		008		RD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 05 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670			20	0															0	2	.030			00-01
01 56	26.660			18	0															0					01-02
02 52	26.670			19	0															0					02-03
03 50	26.665			18	0															0	5	.005			03-04
04 53	26.670			16	0															0					04-05
05 56	26.690			17	0															0					05-06
06 52	26.700			16	0															0	2	.035			06-07
07 51	26.700			15	0															0					07-08
08 53	26.690			15	0															0					08-09
09 55	26.690			16	0															0	6	.010			09-10
10 57	26.675			15	0															0					10-11
11 53	26.660			15	0															0					11-12
12 54	26.645			16	0	0	Cu	70												0	6	.045			12-13
13 50	26.630			15	0															0					13-14
14 51	26.610			15	0															0					14-15
15 55	26.600			15	0	0	Cu	90												0	7	.045			15-16
16 55	26.600			15	0															0					16-17
17 50	26.600			14	0															0					17-18
18 58	26.600			15	0															0	4	.000			18-19
19 56	26.620			15	0															0					19-20
20 50	26.640			16	0															0					20-21
21 57	26.650			20	0															0	1	.050			21-22
22 55	26.660			22	0															0					22-23
23 55	26.670			17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	68	59	X	X						X		
	0347	1	0	0	0	71	59		0								
	0949	2	0	0	0	81	65		0								
	1550	3	0	0	0	89	81		0								
	2152	4	0	0	0	88	69		0								
	MID.	X	0	0	0	72	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1555	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.665	26.690	26.600	26.650
BAROGRAPH 64	26.660	26.690	26.600	26.640
BAR. CORR. 65	+.005	±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 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
89	59	0	0	0	18	E	1312					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 0446 PST SUNSET 1835 PST

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

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

TIME CHECK - CLOCK CORRECT TO NEAREST MINUTE AT: 1055/1833 /

Changed Micro barograph at 0954 LST

1555/DP35/1553

MF1-10B (4-86)

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

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

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 06 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0050	CLR	20			144	72	21	05	11		007	AC SE/003 1070	
SA	0155	CLR	20			140	71	21	05	14		006	AC SE	
SA	0251	CLR	20			144	71	21	04	13		007	AC CI SE	
SA	0359	CLR	20			144	71	23	05	11		007	SCO 1070 65 RADAT 49128	CG
SA	0459	120 SCT	20			152	71	24	04	10		009	CU ALQDS	CG
SA	0552	70 SCT 120 SCT	20			155	73	25	05	09		011		CG
SA	0655	70 SCT 120 SCT	20			162	75	27	04	14		012	314 1170	CG
SA	0759	70 SCT 120 SCT	20			162	79	29	03	12		012		CG
SA	0857	70 SCT 120 SCT	20			160	85	34	10	13		012		CG
SA	0955	70 SCT 120 SCT	20			162	84	33	10	14		012	400 1270 65	CG
SA	1053	70 SCT 120 SCT	20			158	87	36	10	10		011	TCU VIRGA S	CG
SA	1156	70 SCT	20			146	90	37	11	10		008	TCU VIRGA S	CG
SA	1257	70 SCT	20			141	86	35	22	13		006	VIRGA S/817 1200	CG
SA	1356	70 SCT	20			133	87	35	26	15		004		CG
SA	1454	E70 BKN	20			129	86	33	16	13		003	CB S AND W	CG
SA	1553	E70 BKN 230 BKN	20			121	88	36	18	03		001	CB VIRGA S VIRGA NW/	
—	—												717 1903 91 RADAT 43132	—
SA	1652	E90 BKN 230 BKN	20			121	88	36	28	08		001	CB VIRGA SE-S	
SA	1751	E90 BKN 230 BKN	20			121	86	35	29	13		001	CB VIRGA SE	
SA	1857	E90 BKN 230 BKN	20			125	82	37	21	12		002	VIRGA ALQDS/303 1203	
SA	1954	90 SCT E230 BKN	20			129	79	37	26	04		003		
SA	2059	90 SCT E230 BKN	20			135	77	35	09	07		005		
SA	2155	90 SCT 230 SCT	20			137	74	34	09	06		005	110 1403 91	
SA	2258	E90 BKN 230 BKN	20			135	74	34	12	08		005		
SA	2353	E90 BKN 230 BKN	20			132	77	34	09	08		005		

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 06 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.660			15	0	0	AC	140												0	0	.010			00-01
01 55	26.650			15	0															0					01-02
02 51	26.660			15	0															0					02-03
03 59	26.660			16	0	0	AC	120												0	5	.000			03-04
04 59	26.680			17	1															1					04-05
05 52	26.690			17	2															2					05-06
06 55	26.700			17	1	1	Cu	70	0	AC	120	1								1	3	.040			06-07
07 59	26.700			16	2															2					07-08
08 57	26.700			16	1															1					08-09
09 55	26.700			16	2	1	Cu	70	1	AC	120	2								2	4	.000			09-10
10 53	26.690			16	2															2					10-11
11 58	26.670			16	4															4					11-12
12 57	26.650			16	5	5	TCU	70												5	8	.050			12-13
13 56	26.630			16	5															5					13-14
14 54	26.620			15	6															6					14-15
15 53	26.600			16	7	6	CB	E90	2	CI	230	7								7	7	.050			15-16
16 52	26.600			16	7															7					16-17
17 51	26.600			16	7															7					17-18
18 57	26.610			20	7	6	TCU	E90	1	CI	230	7								7	3	.010			18-19
19 54	26.620			22	8															6					19-20
20 59	26.640			22	8															6					20-21
21 55	26.640			23	4	2	SC	90	2	CI	230	4								4	1	.030			21-22
22 58	26.640			23	8															7					22-23
23 53	26.640			21	9															8					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 0354	X	0	0	X	73	67	X	X						X		
	0354	1	0	0	0	73	65		0								
	0952	2	0	0	0	87	70		0								
	1550	3	0	0	0	91	84		0								
	2150	4	0	0	0	90	74		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0359	0955	1553	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.700	26.600	26.640
BAROGRAPH 64	26.660	26.690	26.600	26.630
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 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
91	67	0	0	0	23	SE	1422					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 0445 PST SUNSET 1836 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10605 / 1808 /

0655 / 70 SCT / 2100

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 07 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OR REMARKS (13a)
SA	0050	90 SCT E230 BKN	20			135	75	34	32	04		005	400 1403	
SA	0151	90 SCT 230 SCT	20			140	72	34	12	12		006		
SA	0252	230 SCT	20			148	71	35	06	05		008		
SA	0356	140 SCT 230 SCT	20			144	69	37	11	08		007	107 1071 69 RADAT 67125	CG
SA	0459	E140 BKN	20			142	73	38	32	02		007		CG
SA	0555	E140 BKN	20			141	78	39	09	11		007		CG
SA	0654	140 SCT E230 BKN	20			149	81	39	11	09		009	307 1078	CG
SA	0758	140 SCT	20			150	83	39	10	10		009	CB VIRGA S	CG
SA	0853	80 SCT 140 SCT	20			150	85	38	14	14		009	CB RWU S	CG
SA	0956	80 SCT E140 BKN	20			152	84	39	10	13		009	CB E-S-W RWU S / 400	CG
													1370 69	
SA	1053	E80 BKN	20			154	79	42	21	08		009	CB ALQDS RWU SW-NW	CG
SP	1126	E80 BKN	20		T				19	09		009	TB25 T S MOVG N CB	CG
													VIRGA ALQDS	
SA	1159	E80 BKN	20		T	148	80	43	17	09		008	TB25 T S MOVG N CB	CG
													VIRGA ALQDS	
SP	1218	E80 BKN	20						19	10		007	TE17 MOVD N CB ALQDS	CG
SA	1257	E80 BKN	20			141	81	45	22	07		006	TE17 MOVD N CB ALQDS / 810	CG
													1300	
SA	1354	E80 BKN 230 BKN	20			136	86	40	22	11		005	CB ALQDS	CG
SA	1452	E80 BKN 230 BKN	20			130	84	41	22	08		003	CB ALQDS RWU S AND N	CG
													RB26E34	
SA	1552	E80 BKN 230 OVC	20			132	82	40	23	10	G16	003	CB ALQDS RWU NW-NE	CRD
													VIRGA SE-W/61000 1903	
													86 RADAT 72126	
SA	1656	E80 BKN 230 OVC	20			139	78	44	25	08		005	CB ALQDS RWU NW-NE	CRD
SA	1751	E80 BKN 230 BKN	20			144	74	47	03	13		006	CB ALQDS	CRD
SA	1857	E80 BKN 230 OVC	20		RW-	177	65	57	10	12		015	CB ALQDS RB02 PRESRR/	CRD
													23701 1903	
SA	1955	M75 OVC	20		RW-	177	63	56	02	08		015	CB N RE15B40	CRD
SA	2059	M75 BKN 230 OVC	20			164	63	58	14	04		012	RE10	CRD
SA	2151	75 SCT 230-OVC	20			158	64	53	07	08		009	81702 1507 86	CRD
SA	2250	75 SCT 230-OVC	20			159	64	55	11	06		009		CRD
SA	2351	80 SCT 230-BKN	20			161	61	55	13	03		009		CRD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 07 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640			22	7	3	SC	90	4	CI	E230	7								5	4	.000			00-01
01 51	26.650			25	5															4					01-02
02 52	26.670			27	3															3					02-03
03 56	26.660			31	4	2	Ac	140	2	Ci	230	4								3	1	.020			03-04
04 59	26.660			28	6															6					04-05
05 55	26.660			25	7															7					05-06
06 54	26.680			22	7	5	Ac	140	2	Ci	230	7								6	3	.010			06-07
07 58	26.680			21	2															2					07-08
08 53	26.680			19	3															3					08-09
09 58	26.680			20	7	5	CB	80	2	Ac	E140	7								7	4	.000			09-10
10 53	26.680			27	8															8					10-11
11 59	26.670			27	9															9					11-12
12 57	26.650			28	8	8	CB	E80												8	8	.030			12-13
13 54	26.640			20	6															6					13-14
14 52	26.620			22	7															7					14-15
15 52	26.620			23	10	7	CB	E80	3	Ci	230	10								9	6	.030			15-16
16 56	26.640			30	10															10					16-17
17 51	26.650			38	9															9					17-18
18 57	26.730			76	10	7	CB	E80	3	Ci	230	10								10	2	.110			18-19
19 55	26.730			78	10															10					19-20
20 54	26.700			84	10															10					20-21
21 51	26.680			67	10	3	Sc	75	7	Cs	230	10								5	8	.050			21-22
22 50	26.680			73	10															5					22-23
23 51	26.680			81	8															4					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 0353	X	0	0	X	77	69	X	X						X		
	0357	1	0	0	0	77	69		0								
	0954	2	0	0	0	86	69		0								
	1550	3	T	0	0	86	78		0								
	2147	4	.02	0	0	82	63		1								
	MID.	X	0	0	0	64	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0958	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.680	26.620	26.680
BAROGRAPH 64	26.655	26.680	26.620	26.685
BAR. CORR. 65	+.005	0	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	60	.02	0	0	21	SW	1720					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1125	1217			
RW-	1426	1434			
RW-	1802	1915			
RW-	1940	2010			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444 PST SUNSET 1837 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10733 / 2010P.I

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: MAY 8 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0053	80 SCT 230 - BKN	20			160	63	53	06	07		009	400 1508	CRD
SA	0153	80 SCT 230 - BKN	20			166	60	54	04	04		012		CRD
SA	0251	80 SCT 230 - SCT	20			162	61	53	01	05		011		CRD
SA	0358	80 SCT 140 SCT	20			167	60	52	05	07		012	107 1570 59 20002	CG
													RADAT 85119	
SA	0458	80 SCT E140 BKN	20			166	58	53	13	04		011		CG
SA	0551	80 SCT E140 BKN	20			171	60	53	12	04		012		CG
SA	0657	80 SCT E140 BKN	20			173	67	53	11	09		012	500 1170	CG
SA	0753	80 SCT E140 BKN	20			174	73	49	10	05		013		CG
SA	0853	80 SCT 140 SCT	20			169	77	48	08	06		012	TCU S	CG
SA	0954	80 SCT E140 BKN	20			168	78	46	12	10		012	CB SE AND N RWW SE/	CG
													000 1370 57	
SA	1055	E80 BKN 140 BKN	20			164	79	42	19	13	G21	011	CB SE AND N RWW SE	CG
SA	1157	80 SCT 140 SCT	20			158	79	44	19	14	G21	008	CB RWW SE	CG
SA	1253	80 SCT	20			143	82	42	20	20	G30	005	CB ALQDS RWW SE/820 1900	CG
SA	1351	80 SCT 230 SCT	20			133	84	40	19	12		002	CB ALQDS	CG
SA	1453	80 SCT E230 BKN	20			124	85	42	22	11	G20	000	CB ALQDS RWW N-E-S	CG
SA	1553	80 SCT E230 BKN	20			122	84	43	23	15	G20	999	CB ALQDS RWW E-SE/720	CRD
													1903 87 RADAT 68125	
SP	1634	E80 BKN 230 BKN	20		T				19	15		000	T NE-E B32 MOVG W	CRD
													CB ALQDS RWW NE-SE	
SA	1652	E80 BKN 230 BKN	20		T	132	78	46	23	14		001	T NE-E B32 MOVG NW	CRD
													CB ALQDS RWW N-SE	
SA	1752	M75 BKN 160 OVC	20		TRW-	139	72	51	30	11	G18	002	T OVHD AND N MOVG NW LTGIC	CRD
													N CBMAN N OVHD AND S CB	
													ALQDS RB03	
SP	1822	M75 BKN 160 BKN	20						35	12		005	T E20 MOVD NW CB S NW N	CRD
													RE01 RWW NW-N VIRGA SW	
SA	1858	80 SCT E160 BKN 230 OVC	20			142	69	52	02	08		004	T E20 MOVD NW CB RWW NW/	CRD
													21500 1973	
SA	19 2055	80 SCT E160 OVC	20			142	70	49	06	10		004	CB NW	CRD
SA	2051	160 SCT 250 - BKN	20			142	68	49	05	05		005		CRD
SA	2153	160 SCT 250 SCT	20			142	66	49	03	03		005	003 1071 87	CRD
SA	2250	250 SCT	20			145	63	51	06	04		005		CRD
SA	2350	250 SCT	20			143	60	51	01	05		004		CRD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 8 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.680			70	8	3	Sc	80	5	CS	230	8								4	4	.000			00-01
01 53	26.700			81	6															3					01-02
02 51	26.690			75	4															2					02-03
03 58	26.700			75	5	2	Sc	80	3	Ac	140	5								5	1	.020			03-04
04 58	26.690			83	8															8					04-05
05 51	26.700			78	8															8					05-06
06 57	26.700			61	7	2	Cu	80	5	Ac	E140	7								7	5	.000			06-07
07 53	26.710			43	8															8					07-08
08 53	26.700			36	5															5					08-09
09 54	26.700			32	6	5	CB	80	1	Ac	E140	6								6	0	.000			09-10
10 55	26.690			27	8															8					10-11
11 59	26.670			30	5															5					11-12
12 53	26.640			24	4	4	CB	80												4	8	.060			12-13
13 51	26.610			21	3															3					13-14
14 53	26.590			22	7															5					14-15
15 53	26.580			24	7	3	CB	80	4	Ci	E130	7								5	7	.060			15-16
16 52	26.600			32	8															6					16-17
17 52	26.610			48	10															9					17-18
18 58	26.625			55	10	2	CB	80	6	AC	E160	8	2	Ci	230	10				10	2	.045			18-19
19 55	26.630			47	10															10					19-20
20 51	26.640			51	6															3					20-21
21 53	26.635			54	5	2	Ac	160	3	Ci	250	5								4	0	.010			21-22
22 50	26.640			65	3															2					22-23
23 50	26.630			75	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0853	X	0	0	X	65	59	X							X		
	0353	1	0	0	0	65	59		1								
	0951	2	0	0	0	80	57		0								
	1550	3	0	0	0	87	76		0								
	2150	4	T	0	0	85	66		0								
	MID.	X	0	0	0	66	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0853	1353	1953	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.700	26.580	26.635
BAROGRAPH 64	26.700	26.700	26.580	26.630
BAR. CORR. 65	0	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
87	57	T	0	0	30	S	1247					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1632	1820			
RW-	1703	1801			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0443 PST SUNSET 1838 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060 3 / 1800 /

1955/1955

2153/ARM R 00300/1600 5/9/89

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

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

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE MAY 9 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SERVICE INITIALS (15)
SA	0050	250 SCT	20			137	61	50	10	05		003	805 1001	CRD
SA	0153	250 SCT	20			135	61	49	31	03		003		CRD
SA	0250	CLR	20			135	60	49	11	03		003		CRD
SA	0355	CLR	20			137	58	50	01	02		003	400 1070 56 RADAT 64120	CG
SA	0454	CLR	20			141	56	51	11	03		003		CG
SA	0555	CLR	20			149	61	51	24	03		005		CG
SA	0656	CLR	20			148	68	48	34	06		005	107 1100	CG
SA	0757	CLR	20			144	74	48	07	03		005		CG
SA	0857	80 SCT	20			142	80	46	28	07		005	TCU RWU SE	CG
SA	0954	80 SCT 250 SCT	20			138	82	44	22	05		004	TCU RWU SE/803 1201 55	CG
SA	1053	80 SCT 250 SCT	20			132	82	43	23	07		002	CB ALQDS RWU SE	CG
SA	1154	E80 BKN	20			131	81	47	23	03		001	CB ALQDS RWU N-E RBOSE23	CG
SA	1253	E80 BKN 250 BKN	20			119	80	44	12	05		997	CB ALQDS/82003 1901	CG
SA	1354	80 SCT E250 BKN	20			108	85	42	17	10		995	CB ALQDS	CG
SA	1452	E80 BKN 250 BKN	20			102	84	40	22	06		993	CB ALQDS RWU S	CG
SA	1553	80 SCT E250 BKN	20			102	85	42	23	14	<28	993	CB ALQDS/61403 1903 86	CRD
/													RADAT 61124	/
SA	1654	80 SCT E250 BKN	20			106	83	41	21	12		993	CB ALQDS	CRD
SA	1753	80 SCT E250 BKN	20			103	81	40	21	10		993	CB NW-SE RWU SE	CRD
SA	1850	80 SCT 250-BKN	20			104	79	41	23	08		994	302 1103	CRD
SA	1953	80 SCT 250 SCT	20			103	75	42	11	04		994		CRD
SA	2050	80 SCT E250 BKN	20			103	76	43	08	12	<19	995		CRD
SA	2150	80 SCT E250 BKN	20			113	74	45	14	15		999	214 1501 86	CRD
SA	2250	80 SCT E160 BKN 250 BKN	20			109	72	46	12	12		997		CRD
SA	2350	80 SCT 160 SCT 250 SCT	20			104	73	43	02	06		995		CRD

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 9 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620			67	1	1	Ci	250												1	8	.015			00-01
01 53	26.620			65	1															1					01-02
02 50	26.620			67	0															0					02-03
03 55	26.620			75	0	0	Ac	140												0	4	.000			03-04
04 54	26.620			83	0															0					04-05
05 55	26.640			70	0															0					05-06
06 56	26.640			49	0	0	Cu	80												0	1	.020			06-07
07 57	26.640			40	0															0					07-08
08 57	26.640			30	1															1					08-09
09 54	26.630			26	1	1	Cu	80	0	Ci	250	1								1	8	.010			09-10
10 53	26.610			24	2															2					10-11
11 54	26.600			31	6															6					11-12
12 53	26.570			28	8	6	CB	E80	2	Ci	250	8								7	8	.060			12-13
13 54	26.550			22	7															5					13-14
14 52	26.530			21	8															7					14-15
15 53	26.530			22	6	3	CB	80	3	Ci	E250	6								5	6	.040			15-16
16 54	26.530			23	6															5					16-17
17 53	26.530			23	6															5					17-18
18 50	26.535			26	7	2	Cu	80	5	Ci	250	7								3	3	.005			18-19
19 53	26.540			31	5															5					19-20
20 50	26.550			31	6															5					20-21
21 50	26.575			36	6	3	Sc	80	3	Ci	E250	6								5	2	.040			21-22
22 50	26.565			39	8															8					22-23
23 50	26.550			34	5															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	62	56	X	X						X		
	0351	1	0	0	0	66	56		0								
	0951	2	0	0	0	82	55		0								
	1550	3	.03	0	0	86	74		1								
	2148	4	0	0	0	85	73		0								
	MID.	X	0	0	0	74	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.650	26.530	26.575
BAROGRAPH 64	26.615	26.630	26.520	26.575
BAR. CORR. 65	+.005	0	+.010*	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
86	55	.03	0	0	28	SW	1543					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	1105	1109			
RW	1109	1116			
RW-	1116	1123			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0442P SUNSET 1839P

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1081 3 / 1800 /

*BAROGRAPH CHART CHANGED

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: MAY 10 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	160 SCT	20			106	70	45	05	10		995	608 1070	CRD
SA	0150	250 SCT	20			103	70	46	05	05		995	FEW AC	CRD
SA	0250	250 SCT	20			106	66	45	04	07		995	FEW AC	CRD
SA	0352	CLR	20			105	61	44	05	06		994	AC SE/803 1070 61 20003	/
/													RADAT 76120	HS
SA	0453	250 - SCT	20			109	60	44	35	05		995	FEW AC	HS
SA	0550	CLR	20			112	66	46	04	08		996	FEW AC CI	HS
SA	0650	250 - SCT	20			109	73	44	03	11		996	CU W/107 1101	HS
SA	0750	250 - SCT	20			110	75	45	04	12		996	CU SE W	HS
SA	0850	250 - SCT	20			107	79	44	04	11		996	TCU SE AND NW	HS
SA	0952	90 SCT 250 - SCT	20			102	84	42	36	07		995	CB SE TCU ALQDS/803	/
/													1301 59	HS
SA	1050	90 SCT	20			098	85	40	14	04		994	CB NE SE AND NW	/
/													MOVG W	HS
SA	1150	E90 BKN	20			091	84	40	18	08		992	CB ALQDS MOVG W VIRGA N	HS
SA	1253	E90 BKN	20			094	81	41	31	04		992	RWU NW VIRGA E CB ALQDS	/
/													MOVG W & RAIN [illegible]	
													61000 1300	HS
SA	1351	E90 BKN	20			085	84	40	20	05		990	CB ALQDS MOVG W VIRGA NW	HS
SA	1455	E90 BKN	20			080	84	42	18	04		987	CB N MOVG W TCU ALQDS	HS
SA	1555	E90 BKN	20			082	85	41	31	08		987	CB S THRU W LTG MOUNT	/
													RWUS/61400 1300 88	/
													RADAT 68127	WRG
SA	1652	80 SCT E 230 BKN	20			078	87	41	32	05		986	CB SE THRU SW LTG MOUNT	WRG
SA	1752	80 SCT 230 - BKN	20			066	85	40	23	07		985	CB SE DSIPTD CB DSNT N	/
													LTG MOUNT RWUN	WRG
SA	1852	80 SCT 230 - BKN	20			077	80	40	30	06		987	CB DSNT NW LTG MOUNT	/
													RWUN/ 500 1902	WRG
SA	1952	80 SCT 230 SCT	20			088	75	40	35	06		990	CB DSNT NE LTG MOUNT	/
													OCNL LTG IC	WRG
SA	2050	80 SCT 230 - SCT	20			094	73	41	10	02		992	CB N AND SW MOVG W	/
													OCNL LTG IC	WRG
														/
SA	2150	E80 BKN 230 BKN	20			099	73	42	35	09		994	CB MOVG N AND SW/220	/
													1202 88	WRG
SA	2250	80 SCT 230 SCT	20			103	72	42	07	09		995		WRG
SA	2350	80 SCT 230 - BKN	20			108	71	42	31	06		996		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 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 10 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.550			41	2	2	AC	160												2	6	.025			00-01
01 50	26.550			42	1															1					01-02
02 50	26.550			47	1															1					02-03
03 52	26.540			54	0	0	AC	160												0	8	.010			03-04
04 53	26.550			56	1															0					04-05
05 50	26.560			48	0															0					05-06
06 50	26.560			35	1	0	CU	90	1	CI	250	1								0	1	.020			06-07
07 50	26.560			34	1															0					07-08
08 50	26.560			30	2															0					08-09
09 52	26.550			23	4	1	CB	90	3	CI	250	4								1	8	.010			09-10
10 50	26.540			21	3															3					10-11
11 50	26.520			21	8															8					11-12
12 53	26.520			24	8	8	CB	E90												8	6	.030			12-13
13 51	26.500			21	6															6					13-14
14 55	26.480			23	6															6					14-15
15 55	26.490			21	7	7	CB	E90												7	6	.040			15-16
16 52	26.470			20	9															6					16-17
17 52	26.460			21	8															4					17-18
18 52	26.440			24	7	1	CB	80	6	CI	230	7								3	5	.000			18-19
19 52	26.500			26	5															3					19-20
20 50	26.520			32	5															2					20-21
21 50	26.540			32	7	6	CU	E80	1	CI	230	7								6	2	.060			21-22
22 50	26.550			34	4															3					22-23
23 50	26.560			36	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	73	61	X	X						X		
	0350	1	0	0	0	74	61		0								
	0950	2	0	0	0	84	59		0								
	1551	3	T	0	0	88	78		0								
	2146	4	0	0	0	87	71		0								
	MID.	X	0	0	0	75	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1553	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.480	26.540
BAROGRAPH 64	26.530	26.545	26.465	26.510
BAR. CORR. 65	+.010	+.005	+.015	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
88	59	T	0	0	22	5	1432					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1209	1227			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 P SUNSET 1839 P

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10745 / 22521

1253/1253

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVAD.

DATE: MAY 11 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEQUENCE INITIALS (15)
SA	0050	80 SCT 230 - BKN	20			109	70	43	02	08		996	107 1401	WRC
SA	0150	250 - BKN	20			104	69	44	04	10		995		WRC
SA	0250	250 - BKN	20			105	67	44	11	04		995		WRC
SA	0354	250 - BKN	20			106	67	44	06	04		995	603 10016 6 RADAT 68125	HS
SA	0450	250 - BKN	20			106	65	44	12	05		995		HS
SA	0553	250 - BKN	20			115	69	45	33	03		999	SC NW AC SE	HS
SA	0652	250 - SCT	20			121	72	45	34	06		000	CU NW AC SE/114 1171	HS
SA	0752	250 - SCT	20			125	76	45	01	06		001	CU SE SW NW	HS
SA	0850	150 SCT E250 BKN	20			125	79	44	35	04		001	CU SE SW NW	HS
SA	0953	170 SCT E250 BKN	20			123	81	44	12	07		001	CB SE TCU NW-N/103	/
/													1371 63	HS
SA	1050	250 - SCT	20			116	85	43	21	03		000	CB ALQDS RWU S	HS
SA	1150	100 SCT 250 SCT	20			107	85	39	19	03		996	CB S NW TCU ALQDS	HS
SA	1253	100 SCT 250 SCT	20			102	87	40	26	12		995	CB S NW TCU ALQDS	/
/		~~100 SCT~~											RWU S NW/617 1301	HS
SA	1352	100 SCT	20			095	89	41	28	10		993	CB S DSIPTD CB RWU	/
/													NW-N TCU ALQDS	HS
SA	1450	100 SCT E250 BKN	20			091	85	40	01	03		992	CB RWU NW-NE	HS
SA	1552	100 SCT E250 BKN	20			095	83	44	01	12		992	CB RWU NW THRU N/510	/
													1301 90	WRC
SA	1652	100 SCT E250 BKN	20			092	84	43	05	10		991	CB N MOUD N CB RWU SE	/
													OVR MTNS LTL MOUNT/	WRC
													RADAT 68127	/
SA	1752	100 SCT E250 BKN	20			095	84	41	07	04		990	CB RWU E THRU SE MOUNT	/
													SLWLY NW	WRC
SA	1852	100 SCT E250 OVC	20			089	81	42	07	06		991	CB NE THRU S AND DSIPTN	/
													LTL MOUNT/503 1301	WRC
SA	1952	E100 BKN 250 OVC	20			099	80	44	27	05		994	CB RWU NE THRU S MOUN	/
													N OCNL LTGIC	WRC
SA	2050	E100 BKN 250 OVC	20			106	77	46	12	18G	28	996	CB RWU SE LCL MOUNT	/
													OCNL LTGIC	WRC
SA	2152	100 SCT E250 OVC	20			106	76	45	11	18G	26	996	CB RWU E CB SE DSIPTD	/
													117 1301 90	WRC
SA	2252	E100 BKN 250 OVC	20			108	76	44	31	12		997	CB RWU E	WRC
SA	2350	E100 BKN 250 BKN	20			114	74	47	36	10		999		WRC

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 11 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560			38	7	1	SC	80	6	CI	230	7								3	1	.020			00-01
01 50	26.550			40	8															3					01-02
02 50	26.550			44	6															3					02-03
03 54	26.550			43	6	6	CI	250												2	6	.010			03-04
04 50	26.550			47	6															1					04-05
05 53	26.580			43	6															1					05-06
06 52	26.590			38	3	0	CU	80	0	AC	150	0	3	CI	250	3				0	1	.040			06-07
07 52	26.600			33	3															1					07-08
08 50	26.600			29	7															4					08-09
09 53	26.600			27	6	0	CB	80	4	AC	170	4	2	CI	250	6				4	1	.010			09-10
10 50	26.585			23	5															2					10-11
11 50	26.560			20	5															3					11-12
12 53	26.550			20	5	4	CB	100	1	CI	250	5								4	6	.050			12-13
13 52	26.530			19	5															5					13-14
14 50	26.515			20	8															6					14-15
15 52	26.520			25	8	4	CB	100	4	CI	E250	8								7	5	.030			15-16
16 52	26.510			24	9															8					16-17
17 52	26.500			22	9															4					17-18
18 52	26.510			25	10	4	CB	100	6	CI	E250	10								9	5	.010			18-19
19 52	26.540			28	10															9					19-20
20 50	26.560			33	10															7					20-21
21 52	26.560			33	10	5	CB	100	5	CI	E250	10								6	1	.050			21-22
22 52	26.570			31	10															7					22-23
23 50	26.580			39	9															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0332	X	0	0	X	75	66	X	X						X		
	0352	1	0	0	0	75	66		0								
	0951	2	0	0	0	81	63		0								
	1548	3	0	0	0	90	81		0								
	2148	4	0	0	0	85	76		0								
	MID.	X	0	0	0	78	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.600	26.520	26.560
BAROGRAPH 64	26.530	26.585	26.495	26.540
BAR. CORR. 65	+.020	+.015	+.025	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	63	0	0	0	30	SE	2055					6	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 0440 SUNSET 1840

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10730/22211

1352/1352

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: MAY 12 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	100SCT 250 -BKN	20			110	70	47	04	05		997	003 1401	WRG
SA	0150	100SCT 250 SCT	20			106	66	46	10	06		996		WRG
SA	0250	90SCT E 160 BKN 250 BKN	20			105	67	46	00	00		995		WRG
SA	0350	150 SCT 250-SCT	20			108	64	46	18	04		995	607 1071 64 RADAT 77125	HS
SA	0451	150 SCT 250 - SCT	20			109	62	46	00	00		995		HS
SA	0550	150 SCT 250 - BKN	20			109	66	47	00	00		996		HS
SA	0652	150SCT 250-BKN	20			108	72	47	00	00		996	~~303~~ HVY CU DSNT NW/	/
/													303 1278	HS
SA	0753	250-BKN	20			105	79	45	30	04		996	CU FRMG SE SW	HS
SA	0850	250-SCT	20			104	82	45	00	00		996	CU SE SW	HS
SA	0950	250-BKN	20			103	84	46	22	07		996	CB SE TCU ALQDS/ 602	/
/													1308 61	HS
SA	1051	80SCT	20			097	85	45	20	11		994	CB SE N TCU ALQDS	HS
SA	1151	80SCT	20			087	87	45	28	11		992	CB ALQDS RWU SE	HS
SA	1251	80SCT	20			082	89	44	22	10	G18	990	CB ALQDS RWU SE/719	HS
/													1900	/
SA	1350	E80BKN 250 BKN	20			074	88	44	20	10		986	CB ALQDS	
SP	1429	E80 BKN 250 BKN	20		T				23	10		985	TUNE MOUG SE CB ALQDS	/
~~SA~~		~~E80BKN 250BKN~~	20										RWU NE-E	HS
SA	1451	E80BKN 250 BKN	20		T	065	87	43	32	10		984	TB28 NE-E MOUG SE	/
/													RWU NE-E AND NW	HS
SA	1552	E 80BKN 250BKN	20		TRW-	085	73	56	13	12G20		987	RB10 TOVHD MOUG S	/
													FQT LTGCG/ 50710	/
													1908 90 RADAT 94126	WRG
SP	1602	E 80 OVC	10		TRW+A		71	57	36	14G20		990	AB00 11/16 HLSIO	WRG
SP	1607	E 80OVC	15		TRW		69	51	36	11G19		990	AE05	WRG
SA	1652	E 80OVC	20		TRW-	105	67	60	06	08		992	AB00E05 TOVHD MOUG S	WRG
SP	1735	E 80 BKN 250 BKN	20		RW-		66	59	36	19		991	TE20 CB ALQDS LTC MOUNT	WRG
SA	1752	E 80BKN 250 OVC	20		RW-	118	69	57	36	13		994	TE20 CB ALQDS LTC MOUNT	WRG
SA	1852	E 80 OVC	20		RW-	120	66	58	03	18G28		997	23059 19// CB ALQDS/	WRG
SP	1907	E 80 OVC	20		TRW-		65	57	04	20		999	TB05 OVHD	WRG
SP	1940	E 80 OVC	20		RW-		66	56	06	14		000	TE25 MOUD SW	WRG
SA	1952	E 80 OVC	20		RW-	124	66	56	06	12		000	TE25 MOUD SW	WRG
SA	2050	E80BKN 250 OVC	20			123	67	56	05	10		000	RE30	WRG
SA	2152	80SCT 160SCT 250 -OVC	20			122	66	54	02	10		000	10760 1468 90	WRG
SA	2252	80SCT E160BKN 250BKN	20			117	67	54	06	07		999		WRG
SA	2352	160SCT 250SCT	20			105	64	57	05	03		995		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: MAY 12 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.570			44	7	2	SC	100	5	CI	250	7								3	0	.010			00-01
01 50	26.560			48	5															3					01-02
02 50	26.550			47	7															6					02-03
03 50	26.550			51	3	1	AC	150	2	CI	250	3								1	6	.020			03-04
04 51	26.550			54	4															2					04-05
05 50	26.555			50	9															1					05-06
06 52	26.560			41	7	0	CU	90	1	AC	150	1	6	CS	250	7				2	3	.010			06-07
07 53	26.560			30	6															1					07-08
08 50	26.555			28	4															1					08-09
09 50	26.555			26	6	0	CB	100	6	CS	250	6								1	6	.005			09-10
10 51	26.540			25	3															3					10-11
11 51	26.515			21	5															5					11-12
12 51	26.500			21	5	5	CB	80												5	7	.055			12-13
13 50	26.470			22	8															7					13-14
14 51	26.450			22	9															9					14-15
15 52	26.480			55	9	6	CB	E80	1	CS	250	9								9	5	.020			15-16
16 52	26.520			79	10															10					16-17
17 52	26.540			65	10															6					17-18
18 52	26.570			76	10	10	CB	E80												10	2	.090			18-19
19 52	26.590			68	10															10					19-20
20 50	26.590			67	10															10					20-21
21 52	26.590			66	10	2	SC	80	1	AC	160	3	7	CS	250	10				4	1	.020			21-22
22 52	26.580			63	8															6					22-23
23 52	26.550			80	5															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	74	64	X	X						X		
	0348	1	0	0	0	78	64		0								
	0948	1	0	0	0	81	61		0								
	1548	3	.10	0	0	90	72		2								
	2148	4	.60	T*	0	74	65		1								
	MID.	X	0	0		67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.555	26.480	26.590
BAROGRAPH 64	26.530	26.555	26.460	26.575
BAR. CORR. 65	+.020	±0	+.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	61	.70	T*	0	28	NE	1848					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1428	1720			
RW-	1510	1517			
RW	1517	1525			
RW-	1525	1529			
RW	1529	1600			
A	1600	1605			
RW+	1600	1605			
RW	1605	1618			
RW-	1618	2030			
T	1905	1925			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0440 SUNSET 1841

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1000 / 2055 /

0652/0652
1451/1451
1752/~~1846~~ SLP 112/1846
1602/~~1930~~ HLSTO Y16/1930
* Hail Melted on Ground
1429/RMKS TB28/0800 5/19/87
1852/RMKS CB AL005/0800 5/19/87

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: MAY 13 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0052	160 SCT	20			105	62	56	20	04		995	614 1070	WRG
SA	0132	CLR	20			108	61	57	01	06		995	Few Ac S	WRG
SA	0150	250 -SCT	20			106	63	55	03	12		995		WRG
SA	0353	250 - SCT	20			115	62	54	06	11		995	400 1001 60 20070 RADAT	/
													66128	HS
SA	0450	250 - BKN	20			117	61	54	00	00		995	AC SW	HS
SA	0551	250 - BKN	20			120	63	54	33	04		996	AC SW	HS
SA	0651	250 - BKN	20			122	68	54	04	10		997	307 1001	HS
SA	0750	250 - BKN	20			123	72	51	02	10		999		HS
SA	0851	250 - BKN	20			119	76	49	32	05		999	CU FRMG SE	HS
SA	0953	250 - SCT	20			120	80	49	28	05		999	CU FRMG ALQDS/103	/
													1101 59	HS
SA	1050	250 - SCT	20			114	83	49	31	06		997	CU ALQDS	HS
SA	1150	250 - SCT	20			103	85	46	15	05		994	TCU SE NW FCU ALQDS	HS
SA	1252	90SCT 250 SCT	20			100	86	46	31	05		993	CB SE NW HVY CUALQDS	/
													717 1902	HS
SA	1351	90SCT 250SCT	20			091	88	42	10	07		991	CB SE NW DSIPTG TCU SW	HS
SA	1450	90SCT	20			086	89	41	07	04		990	CB SE NW DSIPTD TCU E W	HS
SA	1552	90 SCT 250 SCT	20			080	90	40	24	06		987	CB DSNT N LTL MOUNT/	/
													717 1202 90 RADAT57134	WRG
SA	1652	90SCT 250 -SCT	20			076	89	39	34	05		986	CB DSNT N DSIPTMG	WRG
SA	1752	90SCT 250 - BKN	20			076	87	42	25	06		986	CB DSNT N MOUG W RWU	WRG
SA	1850	90SCT 250 - BKN	20			092	83	44	25	06		988	CB N DSIPTD TCU E/303	/
													1202	WRG
SA	1950	90SCT 250 - BKN	20			092	76	55	03	06		991		WRG
SA	2050	CLR	20			099	73	57	10	05		993	Few AC SE	WRG
SA	2152	250 -BKN	20			101	71	57	08	04		994	117 1071 91	WRG
SA	2252	250 - SCT	20			100	71	53	03	05		994		WRG
SA	2352	250 -BKN	20			101	67	56	36	03		994		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 13 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.550			81	5	5	AC	160												4	6	.040			00-01
01 52	26.550			88	0															0					01-02
02 50	26.550			75	2															0					02-03
03 53	26.550			77	1	1	Ci	250												0	4	.000			03-04
04 50	26.550			77	7															0					04-05
05 51	26.560			72	8															0					05-06
06 51	26.570			61	8	8	Ci	250												0	3	.020			06-07
07 50	26.580			49	6															0					07-08
08 51	26.575			40	6															0					08-09
09 53	26.580			34	4	0	Cu	90	4	Ci	250	4								1	1	.010			09-10
10 50	26.570			31	2															0					10-11
11 50	26.540			26	1															0					11-12
12 52	26.530			25	2	1	CB	90	1	Ci	250	2								2	7	.050			12-13
13 51	26.510			20	2															2					13-14
14 50	26.500			19	3															3					14-15
15 52	26.480			17	3	3	CB	90	0	Ci	250	3								3	7	.050			15-16
16 52	26.470			18	5															2					16-17
17 52	26.470			21	6															3					17-18
18 50	26.470			26	7	1	TCU	90	6	Ci	250	7								3	3	.010			18-19
19 50	26.510			48	7															2					19-20
20 50	26.530			55	0															0					20-21
21 52	26.540			63	6	0	AC	160	6	Ci	250	6								2	1	.050			21-22
22 52	26.540			52	5															2					22-23
23 52	26.540			68	6															2					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 0351	X	0	0	X	64	60	X	X						X		
	0351	1	0	0	0	67	60		0								
	0951	2	0	0	0	80	59		0								
	1548	3	0	0	0	90	80		0								
	2148	4	0	0	0	91	71		0								
	MID.	X	0	0	0	72	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.580	26.480	26.540
BAROGRAPH 64	26.540	26.575	26.560	26.570
BAR. CORR. 65	+.010	+.005	+.020	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	59	0	0	0	13	NE	0231					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0439 SUNSET 1842

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 WIND DIRECTION | TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1090 0/2242 1

BAROGRAPH CHANGED

1150/1150

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 14 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's-36's) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	250 -BKN	20			101	66	56	00	00		994	400 1001	HRG
SA	0150	250 -SCT	20			096	66	52	12	03		993		HRG
SA	0250	250 -SCT	20			099	67	51	26	03		994		HRG
SA	0354	170 SCT 250 -SCT	20			103	64	53	00	00		995	302 1051 64 RADAT	HR
													66132	
SA	0451	150 SCT 250 -BKN	20			108	64	52	00	00		996		HR
SA	0550	140 SCT 180 SCT 250-BKN	20			111	66	52	00	00		997	CB DSNT NW	HR
SA	0654	E140 BKN 180 BKN 250 ~~BKN~~ OVC	20			116	73	51	00	00		000	CB DSNT NW/ 214 1951	HR
SA	0752	E140 BKN 180 BKN 250 OVC	20			117	80	51	00	00		000	CB TCU DSNT NW	HR
SA	0850	140 SCT E170 BKN 250 BKN	20			114	85	47	00	00		999	CB E AND DSNT NW	HR
SA	0953	130 SCT E160 BKN 250 BKN	20			116	87	46	21	02		000	CB SW-S AND NW TCU W	HR
													500 1971 62	
SA	1050	70 SCT E130 BKN 160 BKN 250 BKN	20			113	88	46	24	10		999	CB TCU ALQDS RWU OMTNS SW	HR
SP	1140	70 SCT E130 BKN 250 OVC	20		T				17	05	614	996	TB NW-N LTL MVMT CB ALQDS RWU OMTNS SW	HR
	H	~~70 SCT E130 BKN 250 BKN~~	~~20~~		~~T~~									
SA	1151	70 SCT E130 BKN 250 BKN	20		T	106	91	44	19	11		996	TB37 NW-N LTL MVMT CB ALQDS RWU OMTNS SW	HR
SP	1217	70 SCT E130 BKN 250 BKN	20						19	09		996	TE10 MOVD NW CB ALQDS	HR
SA	1252	80 SCT E130 BKN 250 BKN	20			101	91	43	14	09		995	TE10 MOVD NW CB ALQDS/ 814 1971	HR
SA	1355	80 SCT 130 SCT E250 OVC	20			098	89	41	22	11		994	CB TCU ALQDS	HR
SA	1450	80 SCT 130 SCT E250 OVC	20			091	90	40	22	11		992	CB TCU NW-NE MOVG NW CB SW STNRY OMTNS	HR
SA	1550	80 SCT 130 SCT E250 OVC	20			089	89	43	21	13		991	CB MOVD NW/ 712 1272 92	
													RADAT 67130	AD
SA	1650	80 SCT E250 OVC	20			090	88	42	21	14		991	TCU N RWU SW	AD
SA	1750	80 SCT E250 OVC	20			090	85	42	21	09		991		AD
SA	1850	E80 BKN 250 OVC	20			096	83	42	31	05		993	307 1202	AD
SA	1950	E80 BKN 250 OVC	20			114	78	52	12	12		999		AD
SA	2050	E80 BKN 250 OVC	20			127	75	51	10	14		003		AD
SA	2150	80 SCT E250 BKN	20			127	74	52	05	07		003	130 1102 92	AD
SA	2250	80 SCT E250 BKN	20			128	71	54	07	07		003		AD
SA	2350	80 SCT E250 BKN	20			120	71	54	09	03		001		AD

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

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

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

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 14 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540			71	6	6	CI	250												3	4	.000			00-01
01 50	26.530			62	4															2					01-02
02 50	26.540			56	4															2					02-03
03 54	26.545			67	4	1	AC	170	3	CI	250	4								2	3	.005			03-04
04 51	26.560			66	7															2					04-05
05 50	26.570			60	7															3					05-06
06 54	26.585			45	10	0	CB	50	6	AC	E40	6	1	AC	180	7	3	CI	250	7	2	-.040			06-07
07 52	26.585			37	10															7					07-08
08 50	26.580			26	9															7					08-09
09 55	26.585			24	9	0	CB	50	2	AC	130	2	5	AC	E160	7	2	CI	250	8	5	.000			09-10
10 50	26.580			24	9															8					10-11
11 51	26.560			20	9															9					11-12
12 52	26.545			19	9	3	CB	80	4	AC	E130	7	2	CI	250	9				9	8	.040			12-13
13 55	26.535			19	10															7					13-14
14 50	26.520			18	10															7					14-15
15 50	26.510			20	10	3	CU	80	2	AC	130	5	5	CI	E250	10				8	7	.036			15-16
16 50	26.510			20	10															9					16-17
17 50	26.510			22	10															8					17-18
18 50	26.530			24	10	7	CU	E80	3	CI	250	10								10	3	.020			18-19
19 50	26.580			41	10															10					19-20
20 50	26.620			43	10															10					20-21
21 50	26.620			46	8	3	CU	80	5	CI	E250	8								5	1	.090			21-22
22 50	26.620			55	8															6					22-23
23 50	26.600			55	8															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 0350	X	0	0	X	71	64	X	X						X		
	0350	1	0	0	0	72	64		0								
	0950	2	0	0	0	88	62		0								
	1550	3	0	0	0	92	87		0								
	2150	4	0	0	0	89	74		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.585	26.510	26.620
BAROGRAPH 64	26.550	26.600	26.530	26.625
BAR. CORR. 65	-.005	-.015	-.020	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	LAST 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
92	62	0	0	0	25	SW	1326					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1137	1210			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1843

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035P / 1808P /

0654/0654 1140/1140

1151/1151

1140/RMICS TB37/1000 5/20/87

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 15, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100°-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	80 SCT E250 BKN	20			112	70	53	10	05		999	814 1102	AD
SA	0150	80 SCT E250 BKN	20			113	70	52	05	06		999		AD
SA	0250	80 SCT E250 BKN	20			118	68	53	09	04		000		AD
							~~71~~	68						
SA	0356	80 SCT E130 OVC	20			117	69	54	10	02		000	103 105/ 68	MR
SA	0450	E100 BKN 140 OVC	20			120	69	54	15	02		001	8 INOVC NE RADAT 89127	MR
SA	0552	E100 BKN 140 BKN 250 OVC	20			124	71	52	11	05		002		MR
SA	0650	E100 BKN 160 OVC	20			125	75	52	14	08		002	207 102/	MR
SA	0752	E110 BKN 160 OVC	20			131	75	52	12	10		003		MR
SA	0853	E110 BKN 160 OVC	20			133	76	52	11	06		003		MR
SA	0954	E100 BKN 150 BKN 250 OVC	20			130	79	51	04	02		003	103 1272 68	MR
SA	1053	80 SCT E120 BKN 160 OVC	20			128	80	50	20	10		002	RWU OMTNS SW	MR
SP	1128	E70 BKN 120 OVC	20		T				22	11		002	~~T NE E~~ TB25 NE-E Move N	MR
													LTGCG SW RWU E-S	
SA	1153	M50 BKN 120 OVC	20		TRW-	139	68	58	11	17		003	TB25 N-E-S MOVG N	MR
													OCNL LTGCG E-SW VSBY	
													LWR N-E-SW RB34	
SA	1249	E60 BKN 130 OVC	10		TRW-	137	64	60	11	08		002	T SW STNRY CB N/80306	MR
													197/	
SP	1302	E65 BKN 130 OVC	10		RW-				12	07		002	TE01 DSPTD CB OMTNS S	MR
SA	1354	E130 BKN 250 OVC	20			123	71	57	28	04		999	TE01 DSPTD CB NW-N	MR
~~SA~~	~~14~~		~~20~~										RE42	
SA	1449	140 SCT E250 OVC	20			113	76	55	24	11		996	CB ALQDS	MR
SA	1550	70 SCT 80 SCT E140 BKN 250 OVC	20			113	74	57	23	15		996	CB S MOVG W/61708 1971	/
													82 RADAT 88130	AD
SA	1650	70 SCT E80 BKN 140 BKN 250 OVC	20			114	73	56	23	15		996	CB S MOVG NW	AD
SA	1750	E70 BKN 140 BKN 250 OVC	~~20~~			114	71	56	15	06		996	CB NE-S MOVG W DRK SW	
													RB22E45	AD
SA	1850	15 SCT E70 BKN 140 OVC	6		RW-	116	66	59	10	13		996	CB N-SW MOVG NW RB20/40000	AD
						123							197/	
SA	1950	15 SCT E70 BKN 140 OVC	7			116	66	58	09	09		999	CB NE-SE MOVG NW RE05	AD
SA	2050	15 SCT M50 BKN 140 OVC	7			129	66	60	31	09		001	CB ALQDS MOVG N	AD
SA	2150	15 SCT M50 OVC	5		RW-	132	63	60	30	10		002	CB ALQDS MOVG N RB01	AD
													21703 1971 82	/
SA	2250	15 SCT M50 OVC	5		RW-	135	60	59	14	04		002	CB W MOVG NW	AD
SA	2350	15 SCT M50 OVC	5		RW-	137	60	59	17	04		001	CB W MOVG NW	AD

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

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

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

☆ U.S.GPO:1984-0-764-005/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 15, 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 SD	26.580			55	9	4	CU	80	5	CI	E28	9								8	8	.040			00-01
01 SD	26.580			53	9															7					01-02
02 SD	26.590			59	9															7					02-03
03 56	26.590			59	10	4	AC	80	6	AC	E30	10								10	1	.010			03-04
04 56	26.595			59	10															10					04-05
05 52	26.605			51	10															10					05-06
06 50	26.610			45	10	7	AC	E100	3	AC	160	10								10	2	.020			06-07
07 52	26.620			46	10															10					07-08
08 53	26.620			43	10															10					08-09
09 54	26.620			38	10	0	CU	80	6	AC	E100	6	3	AC	150	9	1	CI	250	10	1	.010			09-10
10 53	26.610			35	10															10					10-11
11 53	26.620			71	10															10					11-12
12 49	26.610			86	10	6	CB	E60	4	AC	130	10								10	8	.010			12-13
13 54	26.580			62	10															9					13-14
14 49	26.560			49	10															8					14-15
15 50	26.560			56	10	1	CB	70	3	CU	80	4	4	AC	E140	8	2	CI	250	9	6	.050			15-16
16 50	26.560			56	10															10					16-17
17 50	26.560			59	10															10					17-18
18 50	26.560			78	10	2	SC	15	5	CB	E70	7	3	AC	140	10				10	4	.000			18-19
19 50	26.580			76	10															10					19-20
20 50	26.600			81	10															10					20-21
21 50	26.610			90	10	3	SFRA	15	7	CB	M50	10								10	2	.050			21-22
22 50	26.610			97	10															10					22-23
23 50	26.600			97	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 0352	X	0	0	X	71	68	X	X						X		
	0352	1	0	0	0	74	68		0								
	0949	2	0	0	0	80	68		0								
	1550	3	.08	0	0	82	64		0								
	2150	4	.03	0	0	75	63		2								
	MID.	X	.15	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.520	26.610
BAROGRAPH 64	26.595	26.630	26.570	26.620
BAR. CORR. 65	-.005	-.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	60	.26	0	0	22	SW	1138					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
T	1125	1301			
RW-	1134	1138			
RW	1138	1149			
RW-	1149	1342			
RW-	1722	1745			
RW-	1820	1905			
RW-	2101	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0437 SUNSET 1844

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1057P / 1800 /

0456 / 0555 1149/1149 1128/1128 1150/1150 5/1250

1750/1750

1950/1950

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: MAY 16, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	15 SCT M50 OVC	5		RW-	138	60	60	02	04		001	CB MOVD W/60328 1211	AD
SA	0150	15 SCT M50 BKN 80 OVC	6		RW-	128	60	60	23	04		999		AD
SA	0250	15 SCT E40 OVC	5		RW-	125	60	60	00	00		999		AD
SA	0354	15 SCT M41 OVC	5		RW-	125	60	60	00	00		999	60737 12// 60*RADAT 91120	MR
													*2004	
SA	0450	15 SCT M50 OVC	5		R-	123	60	60	00	00		997		MR
SA	0552	11 SCT M41 OVC	4		R	127	60	60	00	00		999		MR
SP	0618	7 SCT 12 SCT M45 OVC	5		R				00	00		999	VSBY LWR NE	MR
SP	0648	6 SCT M12 BKN 41 OVC	10		R-				12	02		000		MR
SA	0654	6 SCT M14 BKN 43 OVC	10		R-	134	60	60	11	02		000	30330 1721	MR
SP	0728	7 SCT M22 BKN 38 OVC	10		R-				14	03		000		MR
SA	0750	7 SCT M21 BKN 38 OVC	7		R-	134	60	59	14	05		000		MR
SP	0841	6 SCT M17 BKN 38 OVC	5		R				34	02		001		MR
SA	0854	6 SCT M15 BKN 35 OVC	6		R	139	60	60	01	04		002	CIG RGD	MR
SP	0919	6 SCT 15 SCT M33 OVC	6		R				34	03		002		MR
SA	0954	6 SCT 14 SCT E50 OVC	10		R-	140	60	59	34	02		001	00361 1721 59	MR
SP	1026	8 SCT M11 BKN 70 OVC	10		R-				33	02		001		MR
SP	1035	M9 BKN 70 OVC	10		R-				34	02		001		MR
SA	1050	M9 BKN 150 BKN 80 OVC	20		R-	140	61	60	30	02		001		MR
SP	1111	9 SCT E15 BKN 80 OVC	20		R-				30	02		000		MR
SP	1132	M9 BKN 15 BKN 80 OVC	20		R-				25	03		000		MR
SA	1154	M9 BKN 15 BKN 80 OVC	20		R-	133	62	61	23	04		999		MR
SA	1228	8 SCT E75 OVC	10		R-				21	04		999		MR
SA	1255	9 SCT 45 SCT E85 OVC	20		R-	129	62	59	00	00		997	81005 1521	MR
SA	1350	50 SCT E90 BKN 200 OVC	20			119	64	58	05	02		995	FEW STRA 8 HND BINOVC SW	MR
													RE40	
SA	1447	130 SCT E220 OVC	20			106	67	58	07	02		992	CB NW TCU NE FEW	MR
													CUFRA 9 HND	
SA	1550	15 SCT 60 SCT 150 SCT E220 OVC	20			105	69	59	01	03		992	TCU N MTN TPS OBSCD SW/	AD
													61706 1272 69 RADAT 76125	
SA	1650	15 SCT 60 SCT E150 BKN 220 OVC	20			100	67	59	12	12		990	TCU N	AD
SA	1750	60 SCT E150 BKN 220 OVC	20			099	66	59	12	09		990	TCU NW	AD
SA	1850	15 SCT E40 BKN 80 OVC	7		TRW-	106	65	58	12	13		992	CB N-E-SW MOVG N TB49 RB49	AD
													OCNL LTG-ICCG/50000 19//	
SP	1940	E15 BKN 40 OVC	5		TRW-				09	07		991	CB ALQDS MOVG N TE MOVG	
													N OCNL LTG-ICCG	AD
SA	1950	E15 BKN 40 OVC	5		TRW-	100	65	58	05	05		990	TE MOVG N OCNL LTG-ICCG	AD
SP	2030	E15 BKN 40 OVC	6		RW-				13	07		991	TE30 MOVD N	AD
SA	2050	E15 BKN 40 OVC	7		RW-	109	63	61	02	04		992	TE30 MOVD N	AD
SA	2150	15 SCT 40 SCT E130 BKN 220 OVC	10			113	62	60	00	00		993	PCS35/ 30303 1772 70	AD
SA	2250	40 SCT 130 SCT E220 BKN	10			113	61	60	06	06		993		AD
SA	2350	40 SCT E130 BKN 220 BKN	10			109	61	59	10	06		992		AD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 16, 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			100	10	5	STFRA	15	5	CU	4500	10								10	6	.010			00-01
01 50	26.580			100	10															10					01-02
02 50	26.580			100	10															10					02-03
03 54	26.580			100	10	3	STFRA	15	10	CU	M41	10								10	6	.020			03-04
04 50	26.570			99	10															10					04-05
05 52	26.580			99	10															10					05-06
06 54	26.590			100	10	3	STFRA	6	4	CUFRA	M14	7	10	NS	43	10				10	3	.010			06-07
07 50	26.590			97	10															10					07-08
08 54	26.605			100	10															10					08-09
09 54	26.600			97	10	1	STFRA	6	4	CUFRA	14	4	10	NS	E50	10				10	0	.010			09-10
10 50	26.600			96	10															10					10-11
11 59	26.580			97	10															10					11-12
12 55	26.570			90	10	1	CUFRA	9	1	SC	45	2	10	NS	E85	10				10	8	.030			12-13
13 50	26.550			82	10															10					13-14
14 47	26.520			74	10															8					14-15
15 50	26.520			66	10	1	CUFRA	15	2	CU	60	3	2	AC	150	5	5	CI	E220	9	6	.050			15-16
16 50	26.500			75	10															10					16-17
17 50	26.500			78	10															10					17-18
18 50	26.520			78	10	3	STFRA	15	4	CB	E40	7	3	CU	80	10				10	5	.000			18-19
19 50	26.500			78	10															10					19-20
20 50	26.520			93	10															10					20-21
21 50	26.530			96	10	1	STFRA	15	3	CU	40	4	2	AC	E130	6	4	CI	220	8	3	.010			21-22
22 50	26.530			96	7															4					22-23
23 50	26.520			93	9															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
03	MID. TO 0349	X	.22	0	X	61	60	X	X						X		
	0349	1	.37	0	0	63	60		2								
	0950	2	.61	0	0	60	59		2								
	1550	3	.06	0	0	69	60		2								
	2150	4	.03	0	0	70	62		2								
	MID.	X	0	0	0	62	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.520	26.530
BAROGRAPH 64	[illegible]	[illegible]	26.570	[illegible]
BAR. CORR. 65	[illegible]	0	+.010	[illegible]

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	59	.92	0	0	13	SE	1853					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT	0015			
RW	0015	0039			
RW-	0039	0204			
RW	0204	0241			
RW-	0241	0410			
R-	0410	0542			
R	0542	0630			
R-	0630	0808			
R	0808	0937			
R-	0937	1340			
T	1849	2030			
RW-	1849	2135			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1844

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1042SP / 1845P /

0354/0359

1050/1050

✓ LAST OCCURRANCE

0354/24HR PRECIP 20048 /0200 5/17/87

0949/1228/2150/SP, SP, RS / 0800 5/17/87

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

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 17, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's ∠) (9)	WIND SPEED (Mts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	40 SCT E 130 OVC	10			105	61	58	01	06		991	807 157/	AD
SA	0150	40 SCT 130 SCT	10			095	61	59	07	04		988		AD
SA	0250	130 SCT	10			091	59	57	00	00		987		AD
SA	0350	130 SCT	10			091	58	55	11	03		987	610 1060 SB RADAT 82119	/
													20070	008
SA	0450	150 SCT	20			097	57	56	12	05		988		008
SA	0550	150 SCT	20			095	61	57	20	03		988		008
SA	0650	CLR	20			089	66	57	16	03		987	000 1030	008
SA	0749	CLR	20			096	68	55	11	03		990		008
SA	0848	CLR	20			091	72	55	29	03		988	FEW 80 DEC	008
SA	0955	100 SCT	20			095	73	54	21	06		990	207 1100 57	008
SA	1050	80 SCT	20			090	75	54	22	07		988	TCU NW-SE	008
SA	1150	80 SCT 250 SCT	20			074	78	52	24	08		984	TCU ALQDS	008
SA	1255	80 SCT 250 SCT	20			065	80	42	23	10		982	TCU ALQDS / 724 1206	008
SA	1353	80 SCT 250 SCT	20			057	82	44	21	15	G20	980	TCU ALQDS	008
SA	1455	50 SCT 200 SCT	20			051	82	45	20	17	G24	977	CB NW MVMT JNK	008
SA	1558	55 SCT 200 SCT	20			047	82	41	23	13	G22	976	CB SW-NE MOVG NE/	DC
													617 1903 83	/
													RADAT 42124	/
SA	1655	60 SCT 200 SCT	20			046	79	39	23	11		976	CB RWU W MOVG NE	DC
													CB DSNT N TCU NE-E	/
SA	1756	60 SCT 200-SCT	20			045	78	43	22	06		976	CB TCU SW-NE MOVG	DC
													NE	/
SP	1821	E60 BKN	20		T				21	06		976	T B20 W MOVG NE	DC
													CB RWU NW-NE	/
													MOVG NE VIRGA W	/
SA	1852	40 SCT E60BKN	20		T	046	75	46	32	07		976	T B20 N AND S	DC
													MOVG NE RWU OCNL	/
													LTGCG N AND S RB2B	/
													E35 / 50000 1900	/
SA	1954	E60 BKN	20		T	055	74	45	17	08		980	T FQT LTGICCCCG	DC
													E-SE MOVG NE	/
													RWU E-SE	/
SP	2023	60 SCT	20						09	07		980	T E22 MOVD NE	DC
													CB OCNL LTG SE	/
SA	2056	CLR	20			057	70	46	10	04		980	T E22 MOVD NE CB	DC
													RWU FQT LTGICCCG SE	/
													MOVG NE	/
SA	2152	60 SCT 200 SCT	20			064	69	48	04	08		982	CB OCNL LTG DSNT N	DC
													21500 1903 83	/
SA	2253	90 SCT	20			066	67	50	00	00		983	OCNL LTG DSNT NE	DC
SA	2357	90 SCT	20			066	66	50	06	03		983		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$_1$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: 1981-0-716-106/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 17, 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.490			93	10	4	SC	40	6	AC	E130	10								10	8	.020			00-01
01 50	26.490			93	5															4					01-02
02 50	26.480			93	3															2					02-03
03 50	26.480			90	2	2	AC	130												2	6	.030			03-04
04 50	26.440			97	2															2					04-05
05 50	26.440			87	2															2					05-06
06 50	26.480			73	0	0	AC	150												0	0	.000			06-07
07 49	26.500			63	0															0					07-08
08 48	26.490			55	0															0					08-09
09 35	26.500			52	1	1	CU	100												1	2	.010			09-10
10 50	26.490			48	3															3					10-11
11 50	26.460			41	4															4					11-12
12 55	26.430			38	5	4	CU	80	1	CI	250	5								5	7	.070			12-13
13 53	26.410			26	5															5					13-14
14 55	26.390			27	5															5					14-15
15 58	26.380			23	2	1	CB	55	1	CI	200	2								2	6	.050			15-16
16 55	26.375			24	2															2					16-17
17 56	26.375			29	4															2					17-18
18 52	26.380			36	7	1	CU	40	7	CB	E60	7								7	5	.000			18-19
19 54	26.405			36	7															7					19-20
20 56	26.410			42	0															0					20-21
21 52	26.425			47	1	1	CB	60	0	CI	200	1								1	2	.045			21-22
22 53	26.435			55	3															3					22-23
23 57	26.435			56	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	62	58	X	X						X		
	0349	1	0	0	0	62	58		2								
	0954	2	0	0	0	74	57		1								
	1550	3	0	0	0	83	73		1								
	2147	4	T	0	0	82	67		1								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1553	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.500	26.380	26.425
BAROGRAPH 64	26.520	26.570	26.390	26.435
BAR. CORR. 65	+.040	.070	-.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 TO (Ins.) 69	4-94 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
83	57	T	0	0	24	S	1450*					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
T	1820	2022			
RW-	1828	1835			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1845

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1254P / 2105P

1000P – CHARGED BAROGRAM

* LAST OF SEVERAL OCCURRENCES

☆ U.S. Government Printing Office: 1986 694-403

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 **MAY 18 1987**

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ___ hrs

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	90 SCT	20			066	63	51	03	05		983	103 1070	DC
SA	0158	CLR	20			065	62	52	04	03		983	ACSL SE	DC
SA	0255	CLR	20			070	60	53	04	03		983	ACSL SE	DC
SA	0350	150 SCT 250 SCT	20			070	58	54	30	03		983	102 1036 58 RADAT 60118	DC
SA	0453	150 SCT 250 SCT	20			075	57	53	11	07		984		DC
SA	0557	250 SCT	20			077	62	53	12	03		985		DC
SA	0653	250 SCT	20			075	67	47	25	03		985	107 1006	DC
SA	0754	250 SCT	20			079	70	48	26	04		986		DC
SA	0855	250 SCT	20			075	73	46	21	04		985		DC
SA	0950	250 SCT	20			070	77	46	23	10	G17	984	803 1036 57	DC
SA	1050	250 SCT	20			066	80	42	18	14	G22	983	100 - J S E	DC
SA	1147	100 SCT 250 SCT	20			065	81	36	18	14	G21	983		DC
SA	1253	100 SCT 250 SCT	20			060	81	34	19	14	G19	981	710 1106	DC
SA	1355	100 SCT 250 - BKN	20			052	82	32	20	12	G23	979		DC
SA	1450	100 SCT 250 - BKN	20			045	82	29	22	11	G19	976		DC
SA	1550	CLR	20			040	81	29	22	20	G28	974	FEW CU ACSL / 720	DC
													1240 83 RADAT 42120	
SA	1653	CLR	20			036	80	29	20	13		973	FEW CU ACSL	DC
SA	1755	CLR	20			034	79	31	22	14		973	FEW CU ACSL	DC
SA	1853	CLR	20			030	76	28	21	08		973	605 1400	DC
SA	1957	CLR	20			041	71	26	21	04		975		DC
SA	2056	CLR	20			046	68	32	20	05		976		DC
SA	2153	CLR	20			043	66	35	00	00		976	010 83	DC
SA	2256	CLR	20			037	64	36	05	03		974		DC
SA	2356	CLR	20			040	60	42	11	03		974		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 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 18 1987

To convert LST to GMT ADD [illegible] SUBTRACT [illegible]

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	26.435			65	1	1	AC	90												1	1	.010			00-01
01 58	26.435			70	0															0					01-02
02 55	26.440			78	0															0					02-03
03 50	26.440			87	3	1	AC	150	2	ci	250	3								2	1	.005			03-04
04 53	26.430			87	3															2					04-05
05 57	26.460			72	2															2					05-06
06 53	26.460			49	2	2	ci	250												2	1	.020			06-07
07 54	26.470			46	1															1					07-08
08 55	26.460			35	1															1					08-09
09 50	26.450			42	1	1	ci	250												1	8	.010			09-10
10 50	26.440			26	2															2					10-11
11 49	26.440			20	2															2					11-12
12 53	26.420			18	2	1	cu	100	1	ci	250	2								2	7	.030			12-13
13 55	26.400			16	7															3					13-14
14 50	26.380			15	6															2					14-15
15 54	26.360			15	0	0	cu	80	0	ACSL	120	0								0	7	.060			15-16
16 53	26.350			16	0															0					16-17
17 55	26.345			17	0															0					17-18
18 53	26.345			17	0	0	SC	80												0	6	.015			18-19
19 57	26.365			19	0															0					19-20
20 56	26.380			26	0															0					20-21
21 53	26.375			32	0															0	0	.030			21-22
22 56	26.360			35	0															0					22-23
23 56	26.360			51	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0548		0	0		66	58										
	0548	1	0	0	0	69	58		0								
	0949	2	0	0	0	77	57		0								
	1550	3	0	0	0	83	77		0								
	2148	4	0	0	0	81	66		0								
	MID.		0	0	0	66	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0548	0949	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.400	26.370	26.375
BAROGRAPH 64	26.450	26.400	26.370	26.385
BAR. CORR. 65	+.010	-.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNAL 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
83	57	0	0	0	28	SW	1558					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1846

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0953P / 2100P /

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: MAY 19 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (14)
SA	0054	CLR	20			035	57	45	02	04		973	708	DC
SA	0156	CLR	20			035	57	43	33	03		973		DC
SA	0255	CLR	20			035	58	36	04	07		973	AC SE	DC
SA	0350	150 SCT	20			037	57	36	02	08		973	400 1030 57 RADAT 54113	DC
SA	0450	150 SCT 250 SCT	20			040	56	36	05	08		974		DC
SA	0555	150 SCT 350 SCT	20			047	62	30	15	03		976		DC
SA	0650	150 SCT 250 SCT	20			048	67	26	24	07		977	214 1032	DC
SA	0755	120 SCT 180 SCT 250 SCT	20			051	69	20	24	14	G19	977		DC
SA	0849	100 SCT 180 SCT 250 SCT	20			047	70	20	23	15	G23	976		DC
SA	0952	100 SCT 180 SCT & 250 BKN	20			047	75	21	21	17	G22	976	603 1132 55	DC
SA	1050	100 SCT 180 SCT & 250 BKN	20			051	74	21	22	10	G17	977		DC
SA	1151	150 SCT & 220 OVC	20			049	76	24	22	12	G17	976		DC
SA	1250	150 SCT & 220 OVC	20			047	76	24	22	14	G23	975	603 1072	DC
SA	1350	150 SCT & 220 OVC	20			041	77	25	17	14	G20	974		DC
SA	1450	150 SCT & 220 OVC	20			033	78	26	22	13	G20	972		DC
SA	1549	70 SCT 140 SCT 250 - BKN	20			030	77	26	23	11		971	ACSL SE / 714 1141 79	DC
													RADAT 44110	
SA	1647	70 SCT 250 - BKN	20			029	75	25	19	13		970		DC
SA	1748	70 SCT 140 SCT 250 - BKN	20			021	74	26	17	16	G20	969	ACSL NW - N	DC
SA	1850	250 - BKN	20			025	71	26	20	09		970	ACSL SW - NW / 503	DC
													1448	
SA	1950	250 - SCT	20			029	67	33	22	05		971		DC
SA	2056	CLR	20			035	65	33	24	03		972	CI SW	DC
SA	2155	CLR	20			032	61	39	00	00		972	107 1002 79	DC
SA	2257	250 - SCT	20			031	65	33	22	11		972		DC
SA	2355	250 SCT	20			029	62	36	24	14		971		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 19 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.350			64	0															0	7	.025			00-01
01 56	26.350			60	0															0					01-02
02 55	26.350			44	0															0					02-03
03 50	26.350			45	1	1	AC	150												1	4	.000			03-04
04 50	26.360			47	2															2					04-05
05 55	26.380			38	3															3					05-06
06 60	26.390			21	3	1	AC	150	2	Ci	250	3								3	2	.040			06-07
07 55	26.390			15	5															4					07-08
08 49	26.380			15	5															4					08-09
09 52	26.380			13	7	1	CU	100	1	AC	150	2	5	Ci	250	7				6	6	.010			09-10
10 50	26.390			14	8															7					10-11
11 51	26.380			14	10															5					11-12
12 50	26.370			14	10	2	AC	150	8	Ci	220	10								8	8	.010			12-13
13 50	26.360			15	10															5					13-14
14 50	26.340			15	10															8					14-15
15 49	26.330			15	9	3	Cu	70	0	ACSL	140	3	9	CI	250	9				4	7	.040			15-16
16 47	[illegible]			16	9															[illegible]					16-17
17 49	26.310			17	9																				17-18
18 50	26.320			19	6	0	SC	70	0	ACSL	140	0	6	CS	250	6				4					18-19
19 50	26.330			28	2															2	5	.010			19-20
20 56	26.340			30	0															1					20-21
21 55	26.340			44	0	0	CI	250												0					21-22
22 57	26.340			30	5															0	1	.020			22-23
23 55	26.330			38	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		60	57										
	0348	1	0	0	0	66	57		0								
	0910	2	0	0	0	75	55		0								
	1545	3	0	0	0	79	73		0								
	2148	4	0	0	0	77	61		0								
	MID.		0	0	0	66	61										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0910	1547	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.350	26.330	26.340
BAROGRAPH 64	26.360	26.370	26.340	26.345
BAR. CORR. 65	-.010	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNINL.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
79	55	0	0	0	24	SW	0940*					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 0434 SUNSET 1847

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1015P / 1800P /

0850/0850

* LAST OF SEVERAL OCCURRENCES

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE MAY 20 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0056	E250 BKN	20			029	61	37	24	10		971	703 1002	DC
SA	0155	E120 BKN	20			032	60	38	25	08		972		DC
SA	0256	70 SCT 120 SCT	20			036	59	39	34	03		973		DC
SA	0350	130 SCT 220 - BKN	20			034	57	40	28	07		972	003 1071 57 RADAT 49106	AD
SA	0450	130 SCT E220 BKN	20			043	56	40	22	12		974		AD
SA	0550	130 SCT E220 BKN	20			052	56	41	28	08		976		AD
SA	0650	130 SCT 220 - SCT	20			060	58	41	26	08		979	220 1071	AD
SA	0750	~~130~~ 220 - SCT	20			061	59	41	25	13		979		AD
SA	0850	220 - SCT	20			062	61	39	25	14		979		AD
SA	0950	CLR	20			061	64	38	25	15		979	400 55	AD
SA	1050	CLR	20			050	68	36	24	21		976		AD
SA	1150	70 SCT	20			051	70	29	21	18		976		AD
SA	1250	70 SCT	20			051	71	27	19	16		976	607 1100	AD
SA	1350	70 SCT	20			048	70	25	18	15		975		AD
SA	1450	70 SCT	20			045	71	25	22	18		974		AD
SA	1558	CLR	20			045	70	28	24	12	G21	974	607 1200 72	DC
													RADAT 34098	
SA	1655	70 SCT	20			045	69	31	20	12	G20	974		DC
SA	1756	CLR	20			051	67	26	20	14		975	FEW CU	DC
SA	1858	CLR	20			061	64	34	23	10		979	312 1402	DC
SA	1954	CLR	20			071	62	35	24	08		981	SC CI NW	DC
SA	2057	CLR	20			084	59	38	22	05		984		DC
SA	2155	CLR	20			085	58	37	23	06		985	120 72	DC
SA	2257	CLR	20			089	57	36	29	03		986		DC
SA	2357	CLR	20			089	57	38	24	08		987		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 20 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.330			41	6	6	CI	E250												4	7	.010			00-01
01 55	26.340			44	7															7					01-02
02 56	26.350			47	5															5					02-03
03 50	26.340			53	7	3	AC	130	4	CI	220	7								3	0	.010			03-04
04 50	26.360			55	6															5					04-05
05 50	26.380			57	6															5					05-06
06 50	26.400			53	3	1	AC	130	2	CI	220	3								1	2	.060			06-07
07 50	26.400			51	2															0					07-08
08 50	26.400			44	1															0					08-09
09 50	26.400			38	0															0	4	.000			09-10
10 50	26.380			31	0															0					10-11
11 50	26.380			22	1															1					11-12
12 50	26.380			19	1	1	CU	70												1	6	.020			12-13
13 50	26.370			18	1															1					13-14
14 50	26.360			18	1															1					14-15
15 58	26.360			21	0	0	CU	70												0	6	.020			15-16
16 55	26.355			24	1															1					16-17
17 56	26.370			21	0															0					17-18
18 58	26.395			33	0	0	SC	70	0	CI	250	0								0	3	.035			18-19
19 54	26.420			36	0															0					19-20
20 57	26.450			46	0															0					20-21
21 55	26.455			45	0															0	1	.060			21-22
22 57	26.470			45	0															0					22-23
23 57	26.475			49	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	62	57	X	X						X		
	0350	1	0	0	0	66	57		0								
	0950	2	0	0	0	64	55		0								
	1552	3	0	0	0	72	64		0								
	2148	4	0	0	0	71	58		0								
	MID.	X	0	0	0	58	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1555	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.400	26.360	26.455
BAROGRAPH 64	26.360	26.400	26.370	26.465
BAR. CORR. 65	-.020	Ø	-.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	HPM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	55	0	0	0	28	S	1417					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1848

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/ 2000P/ /

0750/0950

* LAST OF SEVERAL OCCURRENCES

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

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 21 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATIONS (15)
SA	0058	CLR	20			089	56	38	24	05		987	107	DC
SA	0155	CLR	20			094	53	38	29	03		987		DC
SA	0252	CLR	20			095	54	38	32	04		988		DC
SA	0350	CLR	20			103	50	41	35	04		990	308 50 RADAT 66089	AD
SA	0450	CLR	20			103	50	41	04	06		992		AD
SA	0550	CLR	20			118	53	41	35	05		994		AD
SA	0650	CLR	20			125	56	40	28	05		996	220	AD
SA	0750	80 SCT	20			125	58	40	22	10		996		AD
SA	0850	80 SCT	20			125	60	39	17	04		996		AD
SA	0950	80 SCT	20			130	64	39	25	05		997	303 1100 50	AD
SA	1050	80 SCT	20			128	66	36	21	05		997		AD
SA	1150	80 SCT	20			127	67	36	22	08		997		AD
SA	1250	80 SCT	20			123	68	35	04	06		996	803 1100	AD
SA	1350	80 SCT	20			123	71	35	34	07		996		AD
SA	1450	80 SCT	20			114	72	34	24	09		994		AD
SA	1554	80 SCT	20			117	72	27	22	08		994	607 1100 73	JP
													RADAT 60098	
SA	1655	80 SCT	20			117	71	27	26	08		994		JP
SA	1753	80 SCT	20			117	70	27	26	08		994		JP
SA	1852	80 SCT	20			125	66	30	26	03		996	307 1400	JP
SA	1953	CLR	20			130	62	37	02	05		997	FEW Sc	JP
SA	2054	CLR	20			136	62	39	02	13		000	FEW Sc	JP
SA	2156	CLR	20			138	60	40	05	11		001	214 73	JP
SA	2257	CLR	20			138	60	39	05	08		001		JP
SA	2353	CLR	20			141	59	39	04	11		002		JP

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

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

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

☆U.S.GPO:1984 0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 21 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 58	26.475			51	0															0	1	.020			00-01
01 55	26.480			57	0															0					01-02
02 52	26.490			55	0															0					02-03
03 50	26.500			71	0															0	3	.025			03-04
04 50	26.520			71	0															0					04-05
05 50	26.540			64	0															0					05-06
06 50	26.560			55	0															[illegible]		[illegible]			06-07
07 50	26.560			51	1															1					07-08
08 50	26.560			46	1															1					08-09
09 50	26.570			40	3	3	CU	80												3	3	.010			09-10
10 50	26.570			33	4															4					10-11
11 50	26.570			32	4															4					11-12
12 50	26.560			30	4	4	CU	80												4	8	.010			12-13
13 50	26.560			27	4															4					13-14
14 50	26.540			25	4															4					14-15
15 54	26.540			19	3	3	CU	80												3	6	.020			15-16
16 55	26.540			19	2															2					16-17
17 53	26.540			20	2															2					17-18
18 52	26.560			26	2	2	SC	80												2	3	.000			18-19
19 53	26.570			39	0															0					19-20
20 54	26.590			43	0															0					20-21
21 56	26.600			48	0															0	2	.040			21-22
22 57	26.600			46	0															0					22-23
23 53	26.610			47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	57	50	X	X						X		
	0350	1	0	0	0	58	50		0								
	0950	2	0	0	0	64	50		0								
	1552	3	0	0	0	73	63		0								
	2153	4	0	0	0	73	60		0								
	MID.	X	0	0	0	60	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.570	26.540	26.600
BAROGRAPH 64	26.520	26.580	26.545	26.600
BAR. CORR. 65	-.020	-.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNALTO (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
73	50	0	0	0	20	N	2059					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 0433 SUNSET 1848

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0800/1805P/ /

CHANGED MICRO BAROGRAPH 1300 PST.

√ LAST OF SEVERAL OCCURRENCES —

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

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

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE MAY 22 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			138	58	40	04	14		001	000	JP
SA	0155	CLR	20			136	57	40	04	13		001		JP
SA	0250	CLR	20			140	56	40	04	12		002		JP
SA	0350	CLR	20			145	56	39	06	12		003	307 55 RADAT 54099	AD
SA	0450	CLR	20			145	55	40	05	10		003		AD
SA	0550	CLR	20			144	57	40	05	12		003		AD
SA	0650	CLR	20			152	60	40	03	13		005	307	AD
SA	0750	CLR	20			152	63	39	04	11		005		AD
SA	0850	CLR	20			151	69	38	29	04		005		AD
SA	0950	80 SCT	20			151	71	30	26	05		005	400 1100 55	AD
SA	1050	80 SCT	20			143	72	27	22	06		003		AD
SA	1150	80 SCT	20			138	74	29	14	05		002		AD
SA	1250	80 SCT	20			125	76	29	26	08		999	720 1100	AD
SA	1350	80 SCT	20			121	77	28	34	08		997		AD
SA	1450	80 SCT	20			117	79	24	19	11		996		AD
SA	1553	80 SCT	20			111	78	25	25	11		994	814 1100 80	JP
													RADAT 45 112	
SA	1658	80 SCT	20			111	78	25	24	06		994		JP
SA	1752	80 SCT	20			110	77	24	28	08		994		JP
SA	1856	250 SCT	20			112	72	27	34	03		994	FEWSC/ 400 1401	JP
SA	1954	250 SCT	20			121	67	31	34	06		996		JP
SA	2052	250 SCT	20			122	64	38	04	05		997		JP
SA	2155	CLR	20			122	62	37	10	05		997	110 80	JP
SA	2256	CLR	20			123	59	39	09	04		997		JP
SA	2353	CLR	20			123	57	37	03	05		997		JP

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 22 1987

To convert L.S.T. to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.600			51	0															0	0	000			00-01
01 55	26.600			53	0															0					01-02
02 50	26.610			55	0															0					02-03
03 50	26.620			53	0															0	3	.020			03-04
04 50	26.620			57	0															0					04-05
05 50	26.620			53	0															0					05-06
06 50	26.640			48	0															0	3	.020			06-07
07 50	26.640			41	0															0					07-08
08 50	26.640			32	0															0					08-09
09 50	26.640			22	1	1	CU	80												1	4	.000			09-10
10 50	26.620			19	1															1					10-11
11 50	26.610			19	1															1					11-12
12 50	26.580			18	1	1	CU	80												1	7	.060			12-13
13 50	26.570			16	1															1					13-14
14 50	26.560			13	1															1					14-15
15 53	26.540			14	1	1	CU	80												1	8	.040			15-16
16 58	26.540			14	1															1					16-17
17 52	26.540			14	1															1					17-18
18 56	26.540			19	1	0	SC	80	1	CI	250	1								1	4	.000			18-19
19 54	26.560			26	1															1					19-20
20 52	26.570			38	1															1					20-21
21 55	26.570			39	0															0	1	.030			21-22
22 56	26.570			47	0															0					22-23
23 53	26.570			47	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
	MIDN. TO 0359	X				60											
	0350	1	0	0	0	60	55		0								
	0950	2	0	0	0	71	55		0								
	1552	3	0	0	0	80	71		0								
	2153	4	0	0	0	79	62		0								
	MID.	X	0	0	0	62	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2153
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.640	26.540	26.570
BAROGRAPH 64	26.620	26.650	26.545	26.570
BAR. CORR. 65	Ø	-.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	55	0	0	0	18	NE	0210					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0432 SUNSET 1849

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0600Z/1730PI /

1/ LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 2 5 1987

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

TYPE	TIME (EST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT.	WIND DIRECTION	WIND SPEED KT	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	CONSENSUS INITIALS
SA	0153	[illegible]	20			125	55	39	00	00		997	700	JP
SA	0158	CLR	20			121	53	38	00	00		996		JP
SA	0250	250 SCT	20			119	53	37	00	00		996		JP
SA	0350	250 - SCT	20			120	54	34	04	04		996	603 1001 52 RADAT 36108	AD
SA	0450	250 - BKN	20			119	55	33	00	00		996		AD
SA	0550	250 - BKN	20			118	57	36	00	00		996		AD
SA	0650	250 - BKN	20			118	63	33	00	00		996	400 1001	AD
SA	0750	250 - SCT	20			117	68	32	00	00		996		AD
SA	0850	250 - SCT	20			116	73	24	23	06		996		AD
SA	0950	250 - SCT	20			120	75	22	24	06		997	303 1001 52	AD
SA	1050	CLR	20			121	75	22	20	05		997		AD
SA	1150	80 SCT	20			114	77	24	22	13		995		AD
SA	1250	80 SCT	20			106	80	25	23	13		993	814 1100	AD
SA	1350	80 SCT	20			100	80	26	29	07		991		AD
SA	1450	80 SCT	20			087	81	27	24	11		987		AD
SA	1553	80 SCT	20			087	81	27	22	09		987	617 1100 81	JP
													RADAT 41114	
SA	1654	80 SCT 250 SCT	20			079	79	26	21	07		985		JP
SA	1753	80 SCT 250 SCT	20			080	76	28	13	11		985		JP
SA	1856	250 SCT	20			083	73	30	20	04		986	FEW SC / 503 1401	JP
SA	1957	250 SCT	20			090	68	33	13	05		988		JP
SA	2053	CLR	20			092	67	27	27	05		990		JP
SA	2154	CLR	20			097	62	37	05	04		991	114 81	JP
SA	2257	CLR	20			094	59	40	05	03		990		JP
SA	2353	CLR	20			095	58	39	05	05		990		JP

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 23 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. 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	26.570			55	0															0	4	.000			00-01
01 .58	26.560			57	0															0					01-02
02 .50	26.560			54	1															1					02-03
03 .50	26.560			47	5	5	CI	250												1	6	.010			03-04
04 .50	26.560			43	7															2					04-05
05 .50	26.560			45	8															3					05-06
06 .50	26.560			32	8	8	CI	250												3	4	.000			06-07
07 .50	26.560			26	5															1					07-08
08 .50	26.560			16	3															0					08-09
09 .50	26.570			14	2	2	CI	250												0	3	.010			09-10
10 .50	26.570			14	0															0					10-11
11 .50	26.550			14	1															1					11-12
12 .50	26.530			13	2	2	CU	80												2	8	.040			12-13
13 .50	26.510			14	4															4					13-14
14 .50	26.480			14	5															5					14-15
15 .53	26.480			14	3	3	CU	80												3	6	0.50			15-16
16 .54	26.460			14	4															4					16-17
17 .53	26.460			17	4															4					17-18
18 .56	26.470			20	2	0	SC	80	2	CI	210	2								2	5	.10			18-19
19 .57	26.490			27	1															1					19-20
20 .53	26.500			22	0															0					20-21
21 .54	26.510			39	0															0	1	040			21-22
22 .57	26.500			49	0															0					22-23
23 .53	26.500			49	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.)	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	57	52	X	X						X		
	0350	1	0	0	0	62	52		0								
	0950	2	0	0	0	75	53		0								
	1551	3	0	0	0	81	74		0								
	2152	4	0	0	0	81	62		0								
	MID.	X	0	0	0	62	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.570	26.480	26.570
BAROGRAPH 64	26.560	26.570	26.480	26.560
BAR. CORR. 65	+.00	+.00	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	4PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
81	52	0	0	0	20	SW	1540					4	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 0431 SUNSET 1850

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 0500 1715PI

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK, NV

DATE: MAY 24 1967

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			089	58	37	05	07		988	707	JP
SA	0154	CLR	20			094	57	36	08	04		990		JP
SA	0250	250 SCT	20			097	58	33	02	07		991		JP
SA	0350	CLR	20			093	57	33	04	07		990	003 56 RADAT 37107	CH
SA	0450	CLR	20			103	56	36	02	05		992		CH
SA	0550	CLR	20			105	62	37	01	04		993		CH
SA	0650	250 - SCT	20			108	67	34	31	04		994	214 1001	CH
SA	0750	250 - SCT	20			105	69	34	25	05		993		CH
SA	0850	250 - OVC	20			105	71	35	24	07		993		CH
SA	0950	250 - OVC	20			106	73	35	22	07		993	603 1001 55	CH
SA	1050	250 - OVC	20			100	74	28	21	09		991	FEW CU	CH
SA	1150	250 - OVC	20			086	78	29	23	14	G20	987	FEW CU	CH
SA	1250	E250 OVC	20			079	78	30	22	15	G25	985	FEW CU / 724 1107	CH
SA	1350	E250 OVC	20			072	77	31	20	15	G22	983	FEW CU	CH
SA	1450	E250 OVC	20			064	79	26	20	16	G24	981	FEW CU	CH
SA	1552	250 - SCT	20			054	78	24	21	12	G19	977	724 1008 79	JS
													RADAT 20117	
SA	1650	250 - OVC	20			048	77	23	20	15	G20	976		JS
SA	1755	160 SCT E250 BKN	20			039	75	23	19	13		974		JS
SA	1857	160 SCT 250 - BKN	20			038	73	23	20	10	G19	974	ACSC SW / 612 1048	JS
SA	1953	160 SCT 250 OVC	20			036	71	20	22	08		973		JS
SA	[illegible]	[illegible]	20			044	67	30	24	11		975		JS
SA	2150	160 SCT 250 SCT	20			046	66	33	22	10		976	308 1078 79	JS
SA	2251	160 SCT 250 - BKN	20			044	63	31	17	07		975		JS
SA	2351	250 SCT	20			030	64	28	14	13		972		JS

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

FM12-VII: IIiii $i_R i_x h$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

U.S. DEPARTMENT OF COMMERCE
(NOAA)
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 24 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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. PRESSURE CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.490			46	0															0	7	.020			00-01
01 54	26.500			47	0															0					01-02
02 50	26.510			39	1															1					02-03
03 50	26.500			40	0															0	0	.010			03-04
04 50	26.520			47	0															0					04-05
05 50	26.530			39	0															0					05-06
06 50	26.540			29	3	3	CI	250												0	2	.040			06-07
07 50	26.530			28	3															0					07-08
08 50	26.530			27	10															2					08-09
09 50	26.530			25	10	10	CI	250												2	6	.010			09-10
10 50	26.510			18	10															3					10-11
11 50	26.480			17	10															4					11-12
12 50	26.460			17	10	0	CU	70	10	CS	E250	10								7	7	.070			12-13
13 50	26.440			19	10															7					13-14
14 50	26.420			14	10															8					14-15
15 52	26.390			15	3	3	CS	250												1	7	.070			15-16
16 50	26.375			13	10															3					16-17
17 55	26.355			14	8															5					17-18
18 57	26.355			15	8	2	ACSL	160	6	CS	250	8								4	6	.035			18-19
19 53	26.350			15	10															4					19-20
20 56	26.370			25	10															8					20-21
21 50	26.380			30	4	2	AC	160	2	CS	250	4								3	3	.025			21-22
22 51	26.370			29	8															3					22-23
23 51	26.340			25	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		60	56										
	0350	1	0	0	0	62	56		0								
	0949	2	0	0	0	73	55		0								
	1550	3	0	0	0	79	73		0								
	2148	4	0	0	0	78	65		0								
	MID.		0	0	0	66	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.530	26.390	26.380
BAROGRAPH 64	26.500	26.520	26.390	26.380
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
79	55	0	0	0	34	S	1704					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 0431 SUNSET 1851

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 1 0700/1647 /

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 25 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's-Mil) (9)	WIND SPEED (Kts.) (10)	WIND GUSTS (Kts.) (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0053	250 - BKN	20			024	62	19	15	06		970	822 1008	JS
SA	0151	250 - SCT	20			013	62	19	17	08		966		JS
SA	0250	250 SCT	20			010	60	27	22	13		965		JS
SA	0350	250 - SCT	20			015	57	34	23	18	G30	966	508 1008 57	
													RADAT 41086	CH
SA	0450	250 - SCT	20			015	57	30	21	14	G23	966		CH
SA	0550	250 - SCT	20			028	56	36	23	16	G23	970		CH
SA	0650	250 - SCT	20			028	58	36	21	15	G24	970	110 1008	CH
SA	0750	CLR	20			036	60	32	21	14	G20	972		CH
SA	0850	CLR	20			036	62	31	22	14	G19	972		CH
SA	0950	CLR	20			036	63	32	22	14	G21	972	107 1100 56	CH
SA	1050	70 SCT	20			033	64	32	24	12	G20	971		CH
SA	1150	70 SCT	20			029	66	32	23	14		970		CH
SA	1250	70 SCT	20			017	67	32	22	12		966	817 1100	CH
SA	1350	70 SCT	20			010	69	31	21	10	G19	964		CH
SA	1450	70 SCT	20			999	69	30	20	12		961		CH
SA	1555	70 SCT	20			996	69	29	20	10	G22	960	CB W-NW DSNT E/620	JS
													1400 69 RADAT 49085	
SA	1654	70 SCT	20			010	59	39	30	18	G28	962	VIRGA SW-NW	JS
SA	1751	70 SCT	20			016	58	37	30	14	G21	964		JS
SA	1851	70 SCT	20			026	56	35	32	14		966	220 1500	JS
SA	1950	70 SCT 250 - OVC	20			037	54	36	31	06		970		JS
SA	2052	250 - OVC	20			036	54	36	00	00		970		JS
SA	2150	250 - OVC	20			040	53	37	23	07		971	214 1007 70	JS
SA	2250	250 - SCT	20			039	55	37	24	07		971		JS
SA	2352	250 SCT	20			041	51	39	21	09		972		JS

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 25 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 58	26.315			18	6	6	CS	250												3	8	.065			00-01
01 51	26.290			19	4															2					01-02
02 50	26.280			28	2															2					02-03
03 50	26.290			42	4	4	CS	250												1	5	.025			03-04
04 50	26.290			36	4															1					04-05
05 50	26.320			47	2															0					05-06
06 50	26.320			44	2	2	CS	250												0	1	.030			06-07
07 50	26.340			35	0															0					07-08
08 50	26.340			31	0															0					08-09
09 50	26.340			31	0	0	CU	70												0	1	.020			09-10
10 50	26.330			30	2															2					10-11
11 50	26.320			28	2															2					11-12
12 50	26.290			27	2	2	CU	70												2	8	.050			12-13
13 50	26.270			24	3															3					13-14
14 50	26.240			23	3																				14-15
15 55	26.230			22	3	3	CB	70												3	6	.060			15-16
16 54	26.250			47	4															4					16-17
17 51	26.265			46	2															2					17-18
18 51	26.290			47	3	3	SC	70												3	2	.060			18-19
19 50	26.320			50	10															3					19-20
20 52	26.320			51	10															8	3				20-21
21 50	26.330			54	10	10	CS	250												3	2	.040			21-22
22 50	26.330			56	3															1					22-23
23 52	26.335			65	2															2					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) 67	MIN. TEMP. (°F) 68	69	STATE OF GRND. 70	71	72	73	74	75	SOIL TEMP. 76	77	78
	MID. TO 0350	X	0	0	X	64	57	X	X						X		
	0350	1	0	0	0	66	57		0								
	0949	2	0	0	0	63	56		0								
	1548	3	0	0	0	69	62		0								
	2149	4	0	0	0	70	53		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1555	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.290	26.340	26.230	26.330
BAROGRAPH 64	26.290	26.340	26.240	26.330
BAR. CORR. 65	± 0	± 0*	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	50	0	0	0	30	SW	0347					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 0430 SUNSET 1851

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065 / 1634 /

* BAROGRAPH CHANGED AND RESET

✓ LAST OF SEVERAL OCCURRENCES.

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE MAY 26 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0057	250 SCT	20		044	035	50	40	22	06		972	303 1008	JS
SA	0150	250 SCT	20			037	50	40	24	09		971		JS
SA	0254	250 SCT	20			038	50	39	28	08		971		JS
SA	0350	250 SCT	20			041	51	29	23	10		972	500 1008 49	
													RADAT 87081	CH
SA	0450	100 SCT 250 SCT	20			055	51	29	25	09		974		CH
SA	0550	80 SCT E250 BKN	20			063	52	29	32	05		976		CH
SA	0650	80 SCT E250 BKN	20			071	52	30	26	10		979	220 1068	CH
SA	0750	80 SCT E250 BKN	20			074	57	33	23	14		980		CH
SA	0850	80 SCT E250 BKN	20			077	58	34	24	15		981		CH
SA	0950	80 SCT E250 BKN	20			076	60	35	22	15		981	107 1068 49	CH
SA	1050	80 SCT E250 BKN	20			075	62	33	23	14		981		CH
SA	1150	80 SCT E250 BKN	20			076	63	33	22	14		981		CH
SA	1250	80 SCT E250 OVC	20			071	65	33	22	14		980	803 1062	CH
SA	1350	80 SCT E250 OVC	20			067	66	32	24	15		979		CH
SA	1450	80 SCT E250 BKN	20			057	69	32	22	15		976		CH
SA	1550	80 SCT E250 BKN	20			055	67	31	21	10	G20	975	714 1068 69 RADAT	JS
													65093	
SA	1657	80 SCT E250 BKN	20			050	66	31	19	12	G21	974		JS
SA	1750	80 SCT 250-BKN	20			050	66	32	19	12		974		JS
SA	1855	80 SCT 250-BKN	20			055	64	32	19	09		975	500 1068	JS
SA	1950	65 SCT E250 OVC	20			059	62	33	23	03		977		JS
SA	2056	E65 OVC	20			068	63	34	24	13		980		JS
SA	2157	E65 OVC	20			075	62	36	23	14		982	220 1511 69	JS
SA	2252	E65 BKN 250 OVC	20			072	60	36	25	06		981		JS
SA	2355	M55 OVC	20			074	60	36	24	07		982		JS

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

FM12-VII: IIiii $i_R i_x h$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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAY 20 1997

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.340			68	3	3	CS	250												2	3	.010			00-01
01 50	26.330			68	2															2					01-02
02 54	26.330			66	1															1					02-03
03 50	26.340			43	4	4	CS	250												3	5	.000			03-04
04 50	26.360			43	5															4					04-05
05 50	26.380			41	7															5					05-06
06 50	26.400			43	7	4	AC	80	3	CS	E250	7								5	2	.060			06-07
07 50	26.410			40	7															4					07-08
08 50	26.420			40	7															4					08-09
09 50	26.420			39	7	3	AC	80	4	CS	E250	7								5	1	.020			09-10
10 50	26.420			34	8															5					10-11
11 50	26.420			33	9															9					11-12
12 50	26.410			30	10	4	AC	80	10	CI	E250	10								9	8	.010			12-13
13 50	26.400			28	10															9					13-14
14 50	26.380			25	8															8					14-15
15 50	26.370			26	8	3	AC	80	5	CS	E250	8								5	7	.040			15-16
16 57	26.360			27	9															7					16-17
17 50	26.360			28	8															3					17-18
18 55	26.370			30	8	3	AC	80	5	CS	250	8								3	5	.000			18-19
19 50	26.385			34	10															8					19-20
20 50	26.410			33	10															10					20-21
21 51	26.430			38	10	10	SC	65												10	2	.060			21-22
22 52	26.420			41	10															9					22-23
23 55	26.425			41	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	51	49	X	X						X		
	0349	1	0	0	0	53	49		0								
	0949	2	0	0	0	60	51		0								
	1548	3	0	0	0	69	60		0								
	2147	4	0	0	0	67	62		0								
	MID.	X	0	0	0	62	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1530	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.420	26.370	26.430
BAROGRAPH 64	26.340	26.420	26.380	26.425
BAR. CORR. 65	±0	±0	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNOFFICIAL (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 TOP 75	FROZEN GROUND LAYER BASE 76	RIVER NAME 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	49	0	0	0	27	SW	1514					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 0430 SUNSET 1852

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10800/17431

0051/0052

1250/1250

2056/2056

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

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

MF1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE MAY 27 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	E65 OVC	20			078	59	38	25	08	-	983	303 1511	JS
SA	0152	E65 BKN 250 OVC	20			074	58	39	24	05		982		JS
SA	0250	E 80 OVC	20			073	57	39	25	03		982	~~303 1511~~	JS
SA	0350	E 80 OVC	20			083	56	39	26	05		984	303 1511 55	
						—							RADAT 87089	CH
SA	0450	80 SCT E250 BKN	20			087	54	39	32	04		985		CH
SA	0550	80 SCT 250 - BKN	20			095	54	40	32	04		987		CH
SA	0650	80 SCT 250 BKN	20			102	58	39	23	05		990	211 1508	CH
SA	0750	80 SCT 250 - BKN	20			106	59	40	24	07		991		CH
SA	0850	80 SCT 250 - BKN	20			104	62	39	21	07		991		CH
SA	0950	80 SCT 250 - BKN	20			103	65	40	22	07		991	103 1508 54	CH
SA	1050	70 SCT 250 - BKN	20			095	67	40	26	07		988		CH
SA	1150	70 SCT 250 - BKN	20			094	69	40	26	07		988		CH
SA	1250	70 SCT 250 - BKN	20			086	71	39	21	07		986	714 1101	CH
SA	1350	70 SCT 250 - BKN	20			082	72	39	19	08		985		CH
SA	1450	70 SCT 250 - BKN	20			075	72	38	22	10		983	CB N MOVG NE	CH
SA	1555	70 SCT 250 - BKN	20			073	73	36	21	10		983	CB N-NE MOVG E/	JS
													612 1908 74	
													RADAT 68105	
SA	1651	70 SCT 250 SCT	20			072	73	34	22	06		982	CB N DSNT E MOVG	JS
													E	
SA	1750	70 SCT 250 SCT	20			072	71	35	25	07		982		JS
SA	1850	70 SCT E250 BKN	20		079	~~079~~	70	36	24	05		984	305 1508	JS
SA	1952	E 65 OVC	20			086	69	40	06	11		986		JS
SA	2050	E 95 OVC	20			095	66	43	12	03		988		JS
SA	2150	E 75 OVC	20			093	67	41	13	14		988	114 1071 74	JS
SA	2250	E 65 OVC	20			105	63	46	04	11		992		JS
SA	2350	E65 BKN	20			106	61	46	04	08		993		JS

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

FM12-VII: IIiii $i_R i_x h$VV 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 27 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.440			45	10	10	Sc	E65												10	3	.010			00-01
01 52	26.430			49	10															10					01-02
02 50	26.430			51	10															10					02-03
03 50	26.450			53	10	10	Sc	E80												10	3	.010			03-04
04 50	26.460			57	8															6					04-05
05 50	26.480			59	8															3					05-06
06 50	26.500			49	8	4	Sc	80	4	CS	250	8								4	2	.050			06-07
07 50	26.510			49	8															3					07-08
08 50	26.510			43	8															3					08-09
09 50	26.510			40	8	4	Sc	80	4	CS	250	8								3	1	.010			09-10
10 50	26.490			37	8															3					10-11
11 50	26.490			35	8															3					11-12
12 50	26.470			31	8	3	Cu	70	5	CI	250	8								3	7	.040			12-13
13 50	26.460			30	8															3					13-14
14 50	26.440			29	8															3					14-15
15 55	26.435			27	8	3	CB	70	5	CI	250	8								3	6	.035			15-16
16 51	26.430			24	4															3					16-17
17 50	26.430			26	3															2					17-18
18 50	26.450			29	8	4	Sc	70	4	CS	E250	8								6	3	.015			18-19
19 52	26.470			36	10															10					19-20
20 50	26.490			45	10															10					20-21
21 50	26.490			39	10	10	Ac	E75												10	1	.040			21-22
22 50	26.520			52	10															10					22-23
23 50	26.525			58	6															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	60	55	X	X						X		
	0349	1	0	0	0	62	55		0								
	0949	2	0	0	0	66	54		0								
	1548	3	0	0	0	74	65		0								
	2148	4	0	0	0	74	66		0								
	MID.	X	0	0	0	67	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1555	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.510	26.435	26.490
BAROGRAPH 64	26.440	26.510	26.450	26.500
BAR. CORR. 65	+.010	± 0	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	54	0	0	0	21	SE	2157					7	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 0429 SUNSET 1853

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1050 / 1621

0650/0650 1850/1850

0350/0350

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

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 28 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's 36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METEOROLOGIST (15)
SA	0051	60 SCT	20			104	61	46	06	10		992	010 1500	JS
SA	0151	60 SCT E250 OVC	20			104	61	45	07	06		992		JS
SA	0250	60 SCT E250 - OVC	20			105	61	45	08	09		993		JS
SA	0351	60 SCT 250 - OVC	20			107	60	47	08	05		993	303 1507 60	SH
	—		—			—						—	RADAT 90099	—
SA	0451	140 SCT E250 BKN	20			113	57	46	06	07		994		SH
SA	0552	140 SCT 250 - BKN	20			114	63	45	05	05		995		SH
SA	0650	140 SCT 250 - BKN	20			112	66	45	18	04		997	314 1078	SH
SA	0751	140 SCT 250 - BKN	20			120	68	43	24	04		997		SH
SA	0851	140 SCT 250 - ~~BKN~~ OVC	20			120	70	43	29	04		997	CU BLDG S	SH
SA	0958	60 SCT E140 BKN 250 OVC	20			120	70	42	28	04		997	TCU N-E-SE / 400	SH
						—						—	1277 56	—
SA	1054	60 SCT E140 BKN 250 BKN	20			118	71	43	28	05		996	CB N AND E-SE RWO SE	SH
SA	1152	50 SCT E140 BKN 250 BKN	20			112	72	40	31	03		994	CB N-E-S RWO SE	SH
SA	1253	E50 BKN 140 BKN	20			106	73	43	10	10		993	CB N-E-S RWO N / 714	SH
	—		—			—						—	1760	—
SA	1351	E50 BKN 140 BKN	20			117	69	43	02	16	G30	995	CB ALQDS MOVG S	SH
	—		—			—						—	RWO N	—
SA	1450	E50 BKN 120 OVC	20		RW-	129	60	47	05	13	G24	997	CB ALQDS MOVG SE RWO	SH
SA	1552	E50 BKN	20		RW-	131	61	49	33	06	G18	999	CBAL ads MovgSE / 11701	
													1300 75 RADAT 77104	WRG
SA	1652	50 SCT E140 BKN	20			126	62	49	12	12	G20	996	/ RE24 CB MovdSE RWOSE	WRG
SA	1752	50 SCT 140 SCT	20			114	65	45	11	17		994	RWO DSNT SE	WRG
SA	1852	50 SCT 140 SCT	20			113	64	45	03	06		994	61400 1370	WRG
SA	1952	140 SCT	20			121	61	48	35	06		996		WRG
SA	2052	140 SCT	20			125	59	46	10	07		997		WRG
SA	2152	CLR	20			129	57	46	00	00		999	2 1400 1070 75	WRG
SA	2252	CLR	20			126	55	48	00	00		997		WRG
SA	2352	CLR	20			127	55	47	09	05		997		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible] NEVADA

DATE: MAY 23 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. 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 57	26.520			57	4	4	SC	60												4	0	.030			00-01
01 57	26.520			56	10															6					01-02
02 58	26.525			57	10															4					02-03
03 51	26.530			63	10	3	SC	60	10	CS	250	10								4	3	.010			03-04
04 51	26.540			67	8															5					04-05
05 52	26.550			53	8															3					05-06
06 50	26.570			47	8	3	AC	140	8	CS	250	8								3	3	.040			06-07
07 51	26.570			41	8															3					07-08
08 51	26.570			37	10															4					08-09
09 58	26.570			36	10	4	CU	60	2	AC	E140	6	4	CS	250	10				8	4	.000			09-10
10 54	26.560			37	7															7					10-11
11 52	26.540			32	6															5					11-12
12 53	26.530			33	7	6	CB	E50	1	AC	140	7								7	7	.040			12-13
13 51	26.550			39	9															9					13-14
14 50	26.570			62	10															10					14-15
15 52	26.580			65	9	9	CB	E50												9	1	.050			15-16
16 52	26.560			63	7															7					16-17
17 52	26.540			48	5															5					17-18
18 52	26.540			50	3	1	CB	50	2	AC	140	3								3	6	.040			18-19
19 52	26.560			63	2															2					19-20
20 52	26.570			62	1															1					20-21
21 52	26.580			68	0	0	AC	140												0	2	.040			21-22
22 52	26.570			77	0															0					22-23
23 52	26.570			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 0347	X	0	0	X	62	60	X	X						X		
	0347	1	0	0	0	67	60		0								
	0954	2	0	0	0	72	56		0								
	1544	3	.01	0	0	75	59		1								
	2148	4	T	0	0	66	56		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.580	26.580
BAROGRAPH 64	26.520	26.575	26.595	26.580
BAR. CORR. 65	+.010	-.005	-.015	±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
75	54	.01	0	0	32	N	1353					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
Rw-	1402	1624			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1854

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10652 / 12312 /

0851 / 0851

0250 / 0250

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

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

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **MAY 29 1987**

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			124	53	48	04	05		996	707 1070	WRG
SA	0152	140 SCT 250 -BKN	20			125	54	48	17	05		996		WRG
SA	0252	140 SCT 250 -SCT	20			130	54	45	00	00		996		WRG
SA	0355	250 -OVC	20			134	53	46	00	00		997	303 1077 52 20001	SH
	—		—			—						—	RADAT 73106	—
SA	0452	250 -OVC	20			134	50	46	02	05		997		SH
SA	0552	250 -OVC	20			136	57	46	07	03		[illegible]		SH
SA	0654	250 -BKN	20			138	61	45	13	02		001	310 1008	SH
SA	0751	250 -BKN	20			138	65	44	09	04		001		SH
SA	0852	250 -BKN	20			133	69	44	11	04		000	TCU SE	SH
SA	0955	60 SCT 250 -OVC	20			130	73	42	12	09		000	TCU SE / 805 1207 50	SH
SA	1048	60 SCT 250 -OVC	20			128	76	42	25	04		999	CB SE-S LTL MVMT	SH
SA	1151	E55 BKN 250 OVC	20		RW-	125	73	41	12	11		997	CB ALQDS LTL MVMT	SH
	—		—			—						—	RB47	—
SA	1251	E55 BKN 250 BKN	20			116	76	42	12	10	G17	995	TCU ALQDS CB E-SE	SH
	—		—			—						—	RE16 / 81200 1908	—
SA	1352	60 SCT 250 -OVC	20			109	78	40	07	08		993	TCU S-W-N	SH
SA	1450	60 SCT 250 -OVC	20			101	78	40	11	10		991	TCU S-SW	SH
SA	1552	60 SCT 250 -OVC	20			101	78	38	15	04		991	61400 120879 RADAT 68114	WRG
SA	1652	60 SCT 250 -OVC	20			095	79	38	14	06		988	TCU NE-E	WRG
SA	1752	60 SCT 250 -BKN	20			092	77	36	10	10		986		WRG
SA	1852	E60 BKN 250 BKN	20			097	76	38	11	07		991	500 1408	WRG
SA	1952	80 SCT 250 SCT	20			108	72	40	16	04		994		WRG
SA	2050	80 SCT 250 SCT	20			115	69	40	07	07		996		WRG
SA	2152	250 -SCT	20			120	65	40	06	06		997	120 1001 79	WRG
SA	2250	250 -SCT	20			124	64	41	00	00		999		WRG
SA	2350	250 -SCT	20			123	64	41	34	03		998		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 $i_R i_x h$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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 29 1987

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.560			83	0	0	AC	140												0	7	.020			00-01
01 52	26.560			80	6															3					01-02
02 52	26.580			73	5															2					02-03
03 55	26.570			77	10	0	AC	140	10	CS	250	10								2	3	.010			03-04
04 52	26.570			85	10															3					04-05
05 52	26.590			66	10															2					05-06
06 54	26.600			55	8	8	CS	250												3	3	.030			06-07
07 51	26.600			47	8															2					07-08
08 52	26.590			40	8															2					08-09
09 55	26.585			33	10	1	CU	60	10	CS	250	10								3	8	.015			09-10
10 48	26.580			29	10															4					10-11
11 51	26.590			34	10															8					11-12
12 51	26.550			29	8	6	CB	255	2	CS	250	8								5	8	.035			12-13
13 52	26.530			26	10															5					13-14
14 50	26.570			26	10															5					14-15
15 52	26.510			24	10	5	CU	60	5	CS	250	10								5	6	.010			15-16
16 52	26.490			24	10															5					16-17
17 52	26.490			22	9															4					17-18
18 52	26.510			26	6	6	SC	260	0	CS	250	6								6	5	.000			18-19
19 52	26.540			32	5															4					19-20
20 50	26.560			35	5															3					20-21
21 52	26.570			40	4	4	CI	250												2	1	.060			21-22
22 50	26.580			44	3															1					22-23
23 50	26.580			44	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 0351	X	0	0	X	56	52	X	X						X		
	0351	1	0	0	0	57	52		0								
	0951	2	0	0	0	73	50		0								
	1548	3	T	0	0	79	72		0								
	2147	4	0	0	0	79	65		0								
	MID.	X	0	0	0	66	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.585	26.510	26.570
BAROGRAPH 64	26.575	26.585	26.500	26.560
BAR. CORR. 65	-.005	*0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (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
79	50	T	0	0	18	SE	1318					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
Rw -	1147	1216			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0428 SUNSET 1854

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10/20 /2144 /

0355/0355

2350/ 0040

BAROGRAM CHANGED AND RESET TO ZERO COR. 0950 P

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

☆ U.S. Government Printing Office: 1984—654-383

MF1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE MAY 30 1981

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	CLR	20			123	61	42	00	00		999	1 ~~110~~ 03 1005	WRG
SA	0152	250 -SCT	20			124	61	41	02	05		999		WRG
SA	0250	140 SCT 250 SCT	20			124	59	42	05	09		999		WRG
SA	0355	250 SCT	20			127	61	42	05	07		000	303 1008 57	SH
~~SA~~	~~0450~~	~~250 SCT~~											RADAT 64111	
SA	0450	250 -SCT	20			135	56	41	00	00		001		SH
SA	0552	250 -SCT	20			137	61	41	00	00		003		SH
SA	0655	CLR	20			138	67	40	35	03		004	212 1001	SH
SA	0752	CLR	20			140	72	38	30	04		004	FEW C1	SH
SA	0851	250 -SCT	20			135	76	35	14	09		003		SH
SA	0958	250 -SCT	20			132	78	30	23	04		002	805 1001 55	SH
SA	1052	250 -SCT	20			132	80	30	07	08		002		SH
SA	1154	250 -SCT	20			125	80	30	04	05		000		SH
SA	1252	250 - SCT	20			117	83	31	36	05		997	814 1001	SH
SA	1349	250 -BKN	20			108	85	33	21	13		995		SH
SA	1449	250 -BKN	20			102	85	32	22	14	G22	993		SH
SA	1552	250 -BKN	20			101	85	~~56~~ 29	~~22~~ E25	14		993	614 1001 86 RADAT MISY	WRG
SA	1652	250 -OVC	20			101	81	31	E21	12	G20	992		WRG
SA	1752	E 250 OVC	20			096	81	30	23	12		991		WRG
SA	1852	E 250 OVC	20			100	78	26	23	06		993	500 1004	WRG
SA	1952	E 250 OVC	20			104	76	26	22	08		994		WRG
SA	2050	E 250 OVC	20			109	72	30	11	06		996		WRG
SA	2152	250 -OVC	20			111	71	30	11	07		996	110 1001 86	WRG
SA	2252	250 -OVC	20			112	67	32	08	06		996		WRG
SA	2352	250 -BKN	20			106	70	28	11	04		995		WRG

A synoptic observation using WMO code FM12-VII, as described in FMH-1, is entered on line following related Basic observation.

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 30 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.580			51	0	0	C1	250												0	1	.010			00-01
01 52	26.580			48	1															0					01-02
02 50	26.580			52	1															1					02-03
03 [illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]			03-04
04 50	26.600			57	2																				04-05
05 52	26.615			48	1															1					05-06
06 55	26.625			36	0	0	C1	250												0					06-07
07 52	26.630			29	0															0	2	.055			07-08
08 51	26.620			23	1															0					08-09
09 58	26.610			17	1	1	C1	250												0					09-10
10 52	26.610			17	1															0	8	.015			10-11
11 54	26.590			16	2															1					11-12
12 52	26.570			15	5	5	C1	250												1					12-13
13 49	26.550			15	8															1	8	.040			13-14
14 49	26.530			15	7															2					14-15
15 52	26.530			13	8	8	C1	250												2					15-16
16 52	26.520			16	10															3	6	.040			16-17
17 52	26.510			15	10															4					17-18
18 52	26.530			15	10	10	C1	E250												6					18-19
19 52	26.540			16	10															7	5	.000			19-20
20 50	26.555			21	10															6					20-21
21 52	26.560			22	10	10	C1	250												6					21-22
22 52	26.560			27	10															5	1	.030			22-23
23 52	26.550			21	8															4					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 0351		0	0		65	57										
	0351	1	0	0	0	66	57		0								
	0954	2	0	0	0	78	55		0								
	1548	3	0	0	0	86	78		0								
	2148	4	0	0	0	85	70		0								
	MID.		0	0	0	71	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.530	26.560
BAROGRAPH 64	26.580	26.615	26.525	26.545
BAR. CORR. 65	+.010	-.005	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	55	0	0	0	23	SW	1417					4	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 0728 SUNSET 1855

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1045 / 2339 /

1552/1552 – 0450/0450 – 0052 / APP 110/0400P 5/31/87

1552 WIND SPEED AND DIRECTION INDICATOR INOPT

1730 WIND SPEED AND DIRECTION OPTV.

1552/WND E22/1300 6/2/87

0052/APP 108/1300 6/2/87

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 31 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	250 -SCT	20			105	69	28	21	03		995	603 1001	WRB
SA	0150	250 -SCT	20			101	66	30	22	05		994		WRB
SA	0250	CLR	20			101	67	32	00	00		994		WRB
SA	0353	CLR	20			102	65	33	28	03		994	603 1070 63 RADAT 52144	[illegible]
SA	0450	CLR	20			103	66	35	00	00		994	FEW CI	[illegible]
SA	0555	CLR	20			104	72	38	18	07		995		[illegible]
SA	0652	CLR	20			104	76	35	23	10	616	995	103 1001	[illegible]
SA	0755	CLR	20			103	79	36	23	15	622	995		[illegible]
SA	0853	CLR	20			101	81	36	21	15	621	994		[illegible]
SA	0953	CLR	20			101	83	35	19	17	623	994	603 1001 83	[illegible]
SA	1058	CLR	20			102	84	34	19	18	627	994		[illegible]
SA	1150	CLR	20			100	86	34	19	14	621	994		[illegible]
SA	1258	CLR	20			092	87	33	20	17	627	992	807	[illegible]
SA	1354	CLR	20			085	87	34	18	13	622	990		[illegible]
SA	1450	CLR	20			077	88	35	19	15	622	987		[illegible]
SA	1552	CLR	20			071	87	34	20	16	625	985	720 89 RADAT 20145	EP
SA	1650	CLR	20			068	87	34	20	16	622	985		EP
SA	1750	CLR	20			065	86	33	19	14		984		EP
SA	1855	CLR	20			067	83	33	19	09		985	500	EP
SA	1951	CLR	20			067	81	33	20	09		985		EP
SA	2050	CLR	20			075	79	33	25	09		987		EP
SA	2152	CLR	20			081	79	33	23	10		990	314 89	EP
SA	2250	CLR	20			089	77	33	05	07		992		EP
SA	2351	CLR	20			094	70	37	04	07		993		EP

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 31 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.550			22	4	4	Ci	250												2	6	.010			00-01
01 50	26.540			25	2															1					01-02
02 50	26.540			28	0															0					02-03
03 53	26.540			30	0	0	Ac	170												0	6	.010			03-04
04 50	26.540			32	0															0					04-05
05 55	26.550			29	0															0					05-06
06 52	26.550			23	0	0	Ci	250												0	1	.010			06-07
07 55	26.550			21	0															0					07-08
08 53	26.540			20	0															0					08-09
09 53	26.540			18	0	0	Ci	250												0	6	.010			09-10
10 58	26.540			17	0															0					10-11
11 50	26.540			16	0															0					11-12
12 58	26.520			15	0															0	8	.020			12-13
13 51	26.500			15	0															0					13-14
14 50	26.480			15	0															0					14-15
15 52	26.460			15	0															0	7	.060			15-16
16 50	26.433			15	0															0					16-17
17 50	26.450			15	0															0					17-18
18 55	26.460			17	0															0	5	.000			18-19
19 51	26.460			17	0															0					19-20
20 50	26.480			19	0															0					20-21
21 52	26.500			19	0															0	3	.040			21-22
22 50	26.520			20	0															0					22-23
23 51	26.525			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 0349	X	0	0	X	70	63	X	X						X		
	0349	1	0	0	0	71	63		0								
	0948	2	0	0	0	83	65		0								
	1549	3	0	0	0	89	83		0								
	2147	4	0	0	0	88	78		0								
	MID.	X	0	0	0	79	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.540	26.460	26.500
BAROGRAPH 64	26.530	26.530	26.460	26.500
BAR. CORR. 65	+.010	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	63	0	0	0	28	5	1136					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 0427 SUNSET 1856

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10453 / 2100 /