WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: NOVEMBER YEAR: 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 (KTS)	PEAK SPEED (KTS)	PEAK DIRECTION	SUNSHINE AVG. STATION PRESS. (INS.)	SUNSHINE PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	R H 04	R H 10	R H 16	R H 22
1	64	53	59		6	0	0.13			8.2	23	SW	26.53		8	RW R	96	87	63	95
2	60	49	55		10	0	0.06			10.7	27	S	26.52		10	RW	75	72	63	76
3	63	46	55		10	0				9.1	19	SE	26.63		5		87	64	63	81
4	72	51	62		3	0				10.8	25	E	26.60		8		77	47	35	66
5	63	46	55		10	0	0.51			9.7	41	E	26.55		10	R T RW	60	86	93	96
6	58	45	52		13	0				9.3	23	W	26.66		8		96	72	64	83
7	64	43	54		11	0				5.2	14	NE	26.74		0		96	62	50	69
8	66	45	56		9	0				8.7	20	NE	26.80		2		62	49	38	83
9	66	42	54		11	0				4.5	15	E	26.81		8		84	52	41	77
10	69	43	56		9	0				6.1	18	NE	26.88		8		90	50	36	57
11	70	44	57		8	0				6.7	18	NE	26.85		7		75	37	20	66
12	68	40	54		11	0				4.3	14	E	26.74		5		79	38	41	80
13	63	44	54		11	0				6.5	18	SE	26.51		9		79	51	46	74
14	61	40	51		14	0	0.01			10.5	30	NW	26.52		1	RW	93	37	20	38
15	53	37	45		20	0				8.9	23	NE	26.71		2		37	28	16	48
16	59	33	46		19	0				4.9	12	SW	26.64		3		64	20	34	44
17	55	40	48		17	0				3.5	17	E	26.66		10		73	39	41	58
18	59	40	50		15	0				10.0	22	SE	26.91		0		65	40	26	48
19	62	36	49		16	0				8.5	18	SE	26.97		4		43	21	14	35
20	64	32	48		17	0				9.4	32	SW	26.72		6		52	23	19	19
21	61	39	50		15	0				5.9	23	SW	26.59		0		68	32	32	70
22	62	35	49		16	0				3.9	14	N	26.59		2		76	38	34	60
23	62	35	49		16	0				7.9	23	NE	26.63		1		73	40	24	37
24	59	40	50		15	0				8.8	22	NE	26.68		0		43	33	27	53
25	53	38	46		19	0				13.5	34	N	26.64		1		25	33	24	38
26	53	37	45		20	0				11.8	22	NE	26.76		0		46	32	27	39
27	53	36	45		20	0				8.2	21	SE	26.70		2		52	33	30	52
28	51	29	40		25	0				4.6	16	SE	26.56		2		74	37	32	72
29	54	28	41		24	0				4.6	17	SW	26.61		0		66	33	26	66
30	55	28	42		23	0				3.6	11	SW	26.72		9		66	41	36	64
31																				
SUM	1822	1194	—	—	433	0	0.71		—	227.5	—	—	800.37	—	131	—	2066	1327	1115	1838
AVG	60.7	39.8	—	—	—	—	—	—	—	7.6	FASTEST 41	DIRECTION E	POSSIBLE 26.68	% 4.4		—	69	44	37	61
										MISC. →						—				

TEMPERATURE DATA

AVERAGE MONTHLY 50.3
DEPARTURE FROM NORMAL -0.4
HIGHEST 72 ON 4
LOWEST 28 ON 29,30
NUMBER OF DAYS WITH -
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 4
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 433
DEPARTURE FROM NORMAL -11
SEASONAL TOTAL 483
DEPARTURE FROM NORMAL -103

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL -1
SEASONAL TOTAL 2084
DEPARTURE FROM NORMAL -28

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.71 IN.
DEPARTURE FROM NORMAL 0.10 IN.
GREATEST IN 24 HRS. 0.51 ON 5

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) 15
PARTLY CLOUDY (Scale 4-7) 5
CLOUDY (Scale 8-10) 10
WITH 0.01 INCH OR MORE PRECIP. 4
WITH 0.10 INCH OR MORE PRECIP. 2
WITH 0.50 INCH OR MORE PRECIP. 1
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG WITH VISIBILITY ¼ MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = DUSTSTORM OR SANDSTORM
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

MAXIMUM PRECIPITATION

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

HIGHEST STATION 27.030 IN. ON 19TH
LOWEST STATION 26.390 IN. ON 13TH

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

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 NOV 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 (10s-Mil) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SP	0018	M14 BKN 22 OVC	20						35	03		990		MR
SA	0054	M11 BKN 22 OVC	10		R-	111	53	53	07	05		991	RB37 60201 172/	MR
SP	0100	M9 OVC	10		R-				06	05		991	C16 RGD	MR
SA	0152	E9 BKN 60 OVC	10		R-	108	53	53	28	04		990	C16 RGD	MR
SP	0228	10 SCT E35 BKN 90 OVC	20						11	07		987	RE20	MR
SA	0253	10 SCT 35 SCT E100 OVC	20			100	53	53	11	09		987	RE20	MR
SA	0350	13 SCT E35 BKN 100 OVC	20			114	54	53	15	08		991	50005 172/ 52 20031	CRD
/													RADAT 94102	/
SP	0444	M10 BKN 35 OVC	10						14	06		992		CRD
SA	0451	M10 BKN 35 OVC	10			117	54	54	14	05		992		CRD
SP	0516	M15 BKN 45 OVC	10						17	04		991		CRD
RS	0549	15 SCT M32 BKN 45 OVC	10			108	54	54	32	03		990		CRD
SA	0657	15SCT E45BKN 100 BKN 250 OVC	15			106	54	53	07	04		988	807 1771	CRD
SA	0748	15SCT E45 BKN 250 BKN	20			113	55	53	10	09		991		CRD
SA	0850	15SCT E45 BKN 250 OVC	20			118	56	54	12	10		992		CRD
SA	0950	15SCT M38 BKN 250 OVC	20		RW-	125	57	53	21	10		995	RB30/ ~~170~~ 21700 1701 52	CRD
SA	1053	E35 BKN 250 OVC	20			126	59	52	21	12		995	RE02	CRD
SA	1150	E40 BKN 250 BKN	20			119	61	52	23	15		993		CRD
SA	1253	E40 BKN 250 BKN	20			108	64	49	20	15	G21	991	81200 1201	CRD
SA	1350	40 SCT E250 BKN	20			108	64	49	23	10		991		CRD
SA	1451	40 SCT 250 SCT	20			109	64	47	20	12		992		CRD
SA	1552	E40 BKN	20			113	61	49	23	12		992	30300 1200 64 RADAT 88098	HS
SA	1650	E40 BKN 90 OVC	20			116	60	49	20	08		993		HS
SA	1750	E40 BKN 90 OVC	20			121	59	50	22	10		994		HS
SA	1852	E40 BKN 900VC	20			124	59	53	14	07		995	108 127/	HS
SA	1950	E40 BKN 900VC	20			122	58	53	18	06		994		HS
SA	2050	M35 OVC	10		RW-	130	56	54	22	06		996	RB22	HS
SA	2152	15SCT M35 OVC	20			130	56	54	32	04		996	$30509 1211 64 $RE38	HS
SP	2215	15ØSCT M28 OVC	20						02	04		996		HS
SA	2250	15 SCT M28 OVC	20			131	56	56	16	04		997		HS
SA	2350	15SCT M28 BKN 900VC	20			126	55	55	36	05		996		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 NOV 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	54	26.510			98	10	9	CU FRA	M11	10	NS	22	10								10	6	.005			00-01
01	52	26.500			100	10															10					01-02
02	53	26.480			98	10															10					02-03
03	50	26.510			96	10	5	CU FRA	13	3	SC	E35	8	2	NS	100	10				10	5	.000			03-04
04	51	26.520			100	10															10					04-05
05	47	26.495			100	10															10					05-06
06	57	26.490			97	10	4	CU FRA	15	2	SC	E45	6	2	AC	100	8	2	CI	250	10	8	.020			06-07
07	48	26.510			93	9															9					07-08
08	50	26.520			93	10															10					08-09
09	50	26.545			89	10	4	CU FRA	15	3	SC	M38	7	3	CI	250	10				10	2	.055			09-10
10	53	26.550			78	10															9					10-11
11	50	26.530			72	8															8					11-12
12	53	26.510			58	6	6	CU	E40	0	CI	250	6								6	8	.035			12-13
13	50	26.510			58	6															6					13-14
14	51	26.515			54	5															5					14-15
15	52	26.520			63	8	8	CU	E40												8	3	.010			15-16
16	50	26.525			66	10															10					16-17
17	50	26.540			72	10															10					17-18
18	52	26.545			82	10	7	CU	E40	3	AC	90	10								10	1	.025			18-19
19	50	26.540			85	10															10					19-20
20	50	26.560			95	10															10					20-21
21	52	26.560			95	10	1	CU FRA	15	9	CU	M35	10								10	3	.015			21-22
22	50	26.565			98	10															10					22-23
23	50	26.555			98	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50								
	MID. TO 0347	X	.04	0	X	54	53	X	X						X		
	0347	1	.05	0	0	54	53		2								
	0946	2	T	0	0	58	53		1								
	1550	3	T	0	0	64	57		0								
	2150	4	.09	0	0	61	56		2								
	MID.	X	0	0	0	56	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.545	26.520	26.560
BAROGRAPH 64	26.500	26.545	26.520	26.560
BAR. CORR. 65	+.010	.000	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.) 4AM	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
64	53	.13	0	0	23	SW	1233					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED
82	83	84	86	87	88
R-	0037	0220			
RW-	0930	1102			
RW-	2022	2138			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0607P SUNSET 1648P

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: 0900P / 1900P/

* BAROGRAPH CHART CHANGED.

0850/0850

0950/-APP 219/1255

2215/2215

1253/APP 81200/1800 11-12

0253/RE20/1803 11-12

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

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

WSMO DESERT ROCK NV.

MF 1-10A (5-83)

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

STATION [illegible], DESERT ROCK, [illegible]

SURFACE WEATHER OBSERVATIONS

DATE NOV 2 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (00=N) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC REMARKS AND FLAGS (15)
SP	0032	15 SCT 30 SCT E 90 OVC	20						16	04		995		HS
SA	0050	30 SCT E 90 BKN	20			122	55	53	17	08		995	803 1800	HS
SA	0150	30 SCT E 65 OVC	20			123	54	53	18	06		995		HS
SA	0250	30 SCT M 50 BKN	20			117	58	50	20	15	G22	994		HS
SA	0352	30 SCT 65 SCT	20			119	57	49	18	25		994	603 1800 54 20009	eca
/													RADAT 95093	/
SA	0452	45 SCT 80 SCT	20			120	56	48	21	15		994		eca
SA	0554	M 65 BKN 80 OVC	20			120	57	47	19	10		994		eca
SA	0653	65 SCT E 80 BKN 250 OVC	20			120	57	47	21	12		994	400 1537	eca
SA	0755	38 SCT M 65 BKN 80 OVC	20			127	57	50	18	08		996		eca
SA	0850	40 SCT 65 SCT E 250 BKN	20			127	60	47	20	14		996	CB W TCU SE-N RWU SE	eca
SA	0950	40 SCT M 65 BKN 80 OVC	20			130	58	49	19	16		996	CB OVR MTNS ALQDS /	eca
/													107 193/ 54	/
SP	1023	M28 BKN 65 OVC	10		RW-				22	12		997	*RBOS VSBY LWR SE *	CRD
SP	1050	15 SCT 30 SCT M 45 OVC	10		RW-	136	54	51	14	09		997	TCU ALQDS VSBY LWR N RBOS	CRD
SA	1150	15 SCT E 45 BKN 80 OVC	20			126	55	49	18	10		995	TCU ALQDS RWU SE RE45	CRD
SA	1252	15 SCT M 50 BKN 250 OVC	20		RW-	118	57	47	19	14		993	TCU ALQDS RB44/81004 1201	CRD
SA	1355	15 SCT M 45 BKN 80 OVC	20		RW-	107	57	47	19	12		990	TCU ALQDS	CRD
SA	1456	35 SCT M 55 OVC	20			105	57	46	19	14		990	TCU ALQDS RE45	CRD
SA	1552	30 SCT M 55 OVC	20			100	57	45	18	07		987	BINOVC W RB01E10 RWU	/
/													SE/71704 1811 58	/
/													RADAT 94088	HS
SA	1650	30 SCT M 50 OVC	20			100	57	46	15	07		987	BINOVC W RWU SE-S	HS
SA	1750	30 SCT E 60 BKN	20			100	55	47	12	05		987		HS
SA	1850	25 SCT M 45 OVC	20			107	54	48	11	07		990	307 1811	HS
SA	1950	20 SCT M 30 OVC	20		RW-	116	53	50	13	09		992	RB31E35B40	HS
SA	2050	20 SCT M 30 OVC	20		RW-	119	51	45	13	10		993	PCPN VRY LGT	HS
SA	2150	20 SCT M 30 OVC	20		RW-	120	51	44	10	06		993	PCPN VRY LGT/11002 1811	/
/													5860	HS
SP	2208	30 SCT M 65 OVC	20						25	06		993	BINOVC OVHD	HS
SA	2250	30 SCT 70 SCT E 140 BKN	20			135	50	46	26	07		996	RE05	HS
SA	2350	30 SCT 70 SCT E 140 BKN	20			135	49	47	06	10		996		HS

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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: NOV 2 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.550			92	9	3	Cu	30	6	Sc	090	9								9	8	.010			00-01
01 50	26.550			96	10															10					01-02
02 50	26.540			75	7															7					02-03
03 52	26.540			75	4	2	Cu	30	2	Sc	65	4								4	6	.010			03-04
04 52	26.540			75	4															4					04-05
05 54	26.540			69	10															10					05-06
06 53	26.540			69	10	4	Sc	65	4	Ac	080	8	2	Cs	250	10				9	4	.000			06-07
07 55	26.560			77	10															10					07-08
08 50	26.560			62	8															7					08-09
09 50	26.560			72	10	3	CB	40	3	Sc	065	6	4	Ac	80	10				10	1	.020			09-10
10 50	26.590			90	10															10					10-11
11 50	26.595			80	10															10					11-12
12 52	26.530			69	10	1	Cu Fm	15	7	Cu	M50	8	2	Ci	250	10				10	8	.030			12-13
13 55	26.500			69	10															10					13-14
14 50	26.495			67	10															10					14-15
15 52	26.480			63	10	2	Sc	30	8	Cu	M55	10								10	7	.050			15-16
16 50	26.480			67	10															10					16-17
17 50	26.480			74	9															9					17-18
18 50	26.500			81	10	4	Sc	25	6	Cu	M45	10								10	3	.020			18-19
19 50	26.520			90	10															10					19-20
20 50	26.530			82	10															10					20-21
21 50	26.530			76	10	3	Sc	20	7	Cu	M30	10								10	1	.030			21-22
22 50	26.560			86	9															9					22-23
23 50	26.560			93	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0345	X	0	0	X	58	54	X	X						X			
	0345	1	0	0	0	58	54		0									
	0945	2	0	0	0	60	56		0									
	1550	3	.04	0	0	58	54		1									
	2148	4	.02	0	0	57	50		1									
	MID.	X	T	0	0	52	49	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26480	26.530
BAROGRAPH 64	26.510	26.560	26480	26.530
BAR. CORR. 65	+.010	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
60	49	.06	0	0	27	5	0345					10	9		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0608 SUNSET 1647

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: 0758/ 1800/ /

1050/1050

2150/2150

1554/12 HR MX 60/1300 11/3/87

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1005	1145			
RW-	1244	1445			
RW-	1501	1510			
RW-	1931	1935			
RW-	1940	2205			

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

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

WSMO DESERT ROCK NV

MF1-10A (5-83)

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

STATION [redacted], DESERT ROCK, NV

DATE NOV 3 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 (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)	OBSERVER'S INITIALS (15)
SA	0050	70 SCT 140 SCT	20			142	48	41	08	05		999	11701470	HS
SA	0150	30 SCT 70 SCT	20			146	47	43	04	08		000		HS
SA	0250	30 SCT E70 BKN	20			146	48	42	03	10		000		HS
SA	0352	M32 BKN 100 BKN	20			150	47	43	02	06		001	207 1510 46 20006	[illegible]
													RADAT 29088	
SA	0452	30 SCT 45 SCT	20			157	48	42	05	13		003		CRD
SA	0553	45 SCT	20			161	47	42	05	13		004		CRD
SA	0653	45 SCT 250 SCT	20			167	47	42	08	08		005	214 ~~1501~~ 1501	[illegible]
SA	0754	45 SCT 250 SCT	20			165	53	45	09	06		005		[illegible]
SA	0854	45 SCT 250 SCT	20			169	55	44	04	11		006		[illegible]
SA	0955	45 SCT 250 SCT	20			172	57	45	03	13		007	307 1101 46	[illegible]
SA	1050	45 SCT 250 SCT	20			175	59	45	03	08		009		CRD
SA	1151	50 SCT	20			159	62	44	11	10		009		CRD
SA	1254	50 SCT 250 SCT	20			154	63	44	12	12		003	CU BLDG NNW/8 14 1201	CRD
SA	1351	50 SCT 250 SCT	20			156	62	45	12	10		004	TCU N SE RWY E	CRD
SA	1450	50 SCT E65 BKN 250 BKN	20			155	62	46	12	10		003	TCU NW-NE SE RWY E	CRD
SA	1550	M50 OVC	20			156	60	47	11	14		003	BINOVC W 000 12 11 63	
													RADAT 91094	HS
SA	1650	E50 BKN	20			161	57	49	12	10		004		HS
SA	1750	50 SCT E250 BKN	20			165	56	49	11	08		005		HS
SA	1850	50 SCT E250 BKN	20			173	56	49	10	09		007	214 1208	HS
SA	1952	50 SCT E250 BKN	20			171	55	49	10	07		007		HS
SA	2050	50 SCT	20			169	56	48	08	07		007		HS
SA	2150	60 SCT	20			169	54	48	06	06		007	400 1400 63	HS
SA	2251	60 SCT	20			169	52	48	04	08		007		HS
SA	2350	60 SCT	20			167	53	48	04	07		007		HS

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ 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: NOV 3 1987

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

TIME (L.S.T.)	STATION PRESSURE (ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (ins.)	SUNSHINE (Min.)	PRECIPITATION (ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.580			96	2	1	Sc	70	1	Ac	140	2								4	1	.010			00-01
01	50	26.590			88	3															3					01-02
02	50	26.590			81	7															7					02-03
03	52	26.600			87	9	6	Sc	M32	3	Ac	100	9								9	2	.020			03-04
04	52	26.620			80	5															5					04-05
05	53	26.625			83	1															1					05-06
06	53	26.640			83	4	4	Sc	45	0	Ci	250	4								3	2	.040			06-07
07	54	26.640			74	2															2					07-08
08	54	26.650			66	3															2					08-09
09	55	26.660			64	3	3	Cu	45	0	Ci	250	3								2	3	.020			09-10
10	50	26.675			60	3															3					10-11
11	51	26.630			52	3															3					11-12
12	54	26.620			50	4	3	Cu	50	1	Ci	250	4								4	8	.040			12-13
13	51	26.625			54	5															5					13-14
14	50	26.620			56	7															9					14-15
15	50	26.620			63	10	10	Cu	1450												10	0	.000			15-16
16	50	26.630			73	6															6					16-17
17	50	26.640			78	8															8					17-18
18	50	26.660			79	9	4	Cu	50	5	Cs	E250	9								7	2	.040			18-19
19	52	26.660			80	8															8					19-20
20	50	26.660			76	5															5					20-21
21	50	26.660			81	3	3	Sc	60												3	4	.000			21-22
22	51	26.660			86	2															2					22-23
23	50	26.660			82	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (ins.)	SNOW FALL (ins.)	SNOW DEPTH (ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0345	X	0	0	X	49	46	X	X						X			
	0345	1	T	0	0	52	46		1									
	0945	2	0	0	0	57	46		0									
	1548	3	0	0	0	63	57		0									
	2148	4	0	0	0	60	53		0									
	MID.	X	0	0	0	55	51	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1549	2149
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.660	26.620	26.660
BAROGRAPH 64	26.595	26.660	26.620	26.660
BAR. CORR. 65	+.005	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (ins.)	24-HR. SNOWFALL UNMLTD (ins.)	SNOW DEPTH (ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (ins.)	FROZEN GROUND LAYER (ins.) TOP	FROZEN GROUND LAYER (ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
63	46	0	0	0	19	SE	1519					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0609 SUNSET 1646

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: 0830 / 1900 / /

0653 / 0653

0050 / APPRX 11700 / 1300 11/3/87

0352 / APPRX 20100 / 1300 11/3/87

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

STATION: WBMD, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: NOV 4 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. REMARKS (15)
SA	0050	150 SCT	20			161	54	47	10	10		006	603 1030	HS
SA	0150	250 - BKN	20			162	54	48	09	09		006	FEW AC	HS
SA	0250	250 - BKN	20			157	55	46	09	13		005		HS
SA	0350	250 - BKN	20			157	53	46	06	06		005	603 1001 51 ~~RADAT~~	Eca
													~~58050~~	
SA	0453	250 - OVC	20			160	55	46	13	04		005		Eca
SA	0553	E250 OVC	20			170	55	46	06	08		007		Eca
SA	0650	80 SCT E140 BKN 250 OVC	20			172	57	44	11	08		008	310 1572	AO
SA	0753	80 SCT E140 BKN 250 OVC	20			175	58	45	15	03		009		Eca
SA	0854	80 SCT E140 BKN 250 OVC	20			169	62	45	11	10		008		Eca
SA	0955	80 SCT 140 SCT E250 OVC	20			165	65	44	10	14		007	803 1537 51	Eca
SA	1055	80 SCT 140 SCT E250 BKN	20			160	68	45	11	15		006		AO
SA	1155	80 SCT 140 SCT E250 BKN	20			148	69	45	10	16		003		AO
SA	1255	80 SCT 140 SCT E250 BKN	20			138	71	45	10	15		001	720 1171	AO
SA	1355	80 SCT 250 - SCT	20			130	72	43	08	14		999		AO
SA	1455	80 SCT 250 - SCT	20			125	71	43	10	12		997		AO
SA	1554	250 - SCT	20			124	70	41	10	16	G21	996	614 1131 72 RADAT 33114	EP
SA	1657	CLR	20			125	66	44	07	09		996		EP
SA	1752	CLR	20			123	62	45	05	07		995		EP
SA	1850	CLR	20			124	59	47	04	07		995	603 1401	EP
SA	1954	70 SCT 220 SCT	20			123	59	46	12	05		995		EP
SA	2051	CLR	20			122	58	47	12	11		995		EP
SA	2154	CLR	20			118	60	46	08	10		995	400 1501 72	EP
SA	2254	CLR	20			114	59	45	07	10		994		EP
SA	2355	E TO BKN	20			110	57	46	12	09		993	LTG OSNT NE	EP

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: NOV 4 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.650			77	2	2	Ac	150											2	6	.010			00-01
01	50	26.650			80	8														2					01-02
02	50	26.640			73	8														2					02-03
03	50	26.640			77	8	8	Ci	250											3	6	.010			03-04
04	53	26.640			72	10														4					04-05
05	57	26.660			72	10														8					05-06
06	50	26.670			62	10	1	Sc	80	5	Ac	EMD	6	4	Ci	250	10			9	3	.030			06-07
07	53	26.680			63	10														9					07-08
08	54	26.670			54	10														8					08-09
09	55	26.660			47	10	1	Sc	80	3	Ac	140	4	10	Cs	E250	10			8	8	.010			09-10
10	55	26.650			44	9														8					10-11
11	55	26.620			42	8														5					11-12
12	55	26.600			39	7	1	Cu	80	2	Ac	140	3	4	Ci	E250	7			4	7	.060			12-13
13	55	26.580			35	5														2					13-14
14	55	26.570			37	5														2					14-15
15	54	26.560			35	2	0	Cu	80	0	Ac	140	0	2	Ci	250	2			0	6	.040			15-16
16	57	26.560			45	0														0					16-17
17	52	26.550			54	0														0					17-18
18	50	26.550			64	0	0	Sc	70	0	Ci	220	0							0	6	.010			18-19
19	54	26.550			62	1														1					19-20
20	51	26.550			67	0														0					20-21
21	54	26.550			60	0	0	Sc	70	0	Ci	220	0							0	4	.000			21-22
22	54	26.540			60	0														0					22-23
23	55	26.530			67	8														8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0345	X	0	0	X	56	51	X	X						X		
	0345	1	0	0	0	56	51		0								
	0945	2	0	0	0	65	53		0								
	1549	3	0	0	0	72	65		0								
	2149	4	0	0	0	70	57		0								
	MID.	X	0	0	0	60	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.660	26.560	26.550
BAROGRAPH 64	26.640	26.670	26.540	26.540
BAR. CORR. 65	0	-.010	+.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
72	51	0	0	0	25	E	1523					8	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0610 SUNSET 1645

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: 1001 / 2130 / /

0350 / RADAT DETERMINED INCORRECT / 1000

2154 / 24 HR MAX 72 / 1830 11-12

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USMO, DESERT ROCK NEVADA

DATE: NOV 5 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 55	26.520			50	8	3	CB	30	5	SC	E80	8								8	7	.030			00-01
01 55	26.530			60	7															7					01-02
02 54	26.540			67	7															7					02-03
03 50	26.540			60	8	2	CB	30	3	Sc	55	5	3	Cl	E200	8				7	1	.020			03-04
04 50	26.560			80	9															9					04-05
05 50	26.560			77	9															9					05-06
06 50	26.560			89	10	3	CU	30	3	Sc	E55	6	4	Cl	200	10				9	1	.020			06-07
07 50	26.560			86	10															9					07-08
08 50	26.570			87	10															10					08-09
09 50	26.570			86	10	2	CuFra	5	5	Cu	M38	7	3	Sc	50	10				10	1	.010			09-10
10 50	26.550			77	10															10					10-11
11 50	26.550			86	10															10					11-12
12 50	26.550			77	10	3	CuFra	8	4	CU	M25	7	3	Sc	60	10				10	6	.020			12-13
13 50	26.530			77	10															10					13-14
14 50	26.500			80	10															10					14-15
15 58	26.520			93	10	3	CuFRA	20	10	Sc	M38	10								10	5	.030			15-16
16 52	26.530			96	10															10					16-17
17 57	26.560			86	10															10					17-18
18 52	26.570			93	10	3	CuFRA	20	10	Sc	M38	10								10	1	.050			18-19
19 53	26.590			96	10															10					19-20
20 52	26.600			98	10															10					20-21
21 58	26.600			96	10	1	STFRA	12	4	Sc	35	5	10	Sc	MAS	10				10	1	.030			21-22
22 58	26.600			96	10															10					22-23
23 54	26.610			99	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0350	X	0.02	0	X	63	57	X	X								
	0350	1	0.02	0	0	63	57		1								
	0950	2	0.05	0	0	57	51		2								
	1554	3	.13	0	0	55	50		2								
	2150	4	.31	0	0	50	46		2								
	MID.	X	0	0	0	47	46	X	X								

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.520	26.600
BAROGRAPH 64	26.540	26.570	26.520	26.595
BAR. CORR. 65	0	*0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
63	46	.51	0	0	41	E	0112					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0013	0031			
T	0018	0350			
RW-	0106	0140			
RW-	0815	1200			
RW-	1235	1315			
RW-	1523	1800			
R-	1800	2024			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0611 SUNSET 1644

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/2100 / /

* MICROBAROGRAPH CHANGED 0955L

0254/0254 2158/MAX TEMP 63/2300

1558/ATPRR 51013/1838 11-12

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: NOV 5 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (degrees) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SP	0021	30 SCT M70 BKN	10		TRW-				10	18	G31	993	TB18 OVHD MOVMT UNK	EP
													RB13 OCNL LTG CG SW	
SA	0055	30 SCT E80 BKN	20		T	102	63	44	12	15		992	TB18 NE MOVG NW RB13 E	EP
													31 CB ALQDS OCNL LTG	
													ICCG ALQDS/71001	
													1900	
SA	0155	30 SCT E80 BKN	20		T	108	59	45	11	09		993	T N MOVG NW RB06E40	EP
													CB ALQDS OCNL LTGIC NW-	
													NE AND SE PK WND 1141/12	
SA	0254	30 SCT M70 BKN	20		T	113	58	47	19	04		994	T NE MOVG NW ~~RAOAT~~	EP
													CB LTGICCG ALQDS	
RS	0350	30 SCT 55 SCT E200 BKN	20			114	57	43	17	04		994	*TE50 MOVD NW OCNL LTGICCG NW-N	
													/10702 1902 57 20002 RAOAT 94099	
													*CB NW-N	AO
SA	0450	M30 BKN 55 BKN 200 BKN	20			125	57	51	14	11		996		AO
SA	0550	30 SCT E55 BKN 200 BKN	20			126	57	50	09	05		996		AO
SA	0650	30 SCT E55 BKN 200 OVC	20			130	54	51	00	00		996	107 1802	AO
SA	0750	30 SCT E55 BKN 200 OVC	20			130	55	51	00	00		996		AO
SA	0850	10 SCT 30 SCT E50 BKN 150 BKN 2000VC	5		RW-	133	56	52	13	08		997	RB15 DRK SE	AO
SP	0903	5 SCT M25 BKN 50 OVC	4		RW-				15	12		997	VSBY LWR SE	AO
RS	0950	5 SCT M38 BKN 50 OVC	5		RW-	135	51	47	20	12		997	10306 1811 51	AO
SA	1050	M38 BKN 50 BKN 120 OVC	6		RW-	125	54	47	33	08		995		AO
SP	1133	8 SCT M25 BKN 40 OVC	3		RW-				19	20		995	RW- CONL RW	AO
SA	1150	8 SCT M25 BKN 60 OVC	4		RW-	128	51	47	20	15		995		AO
SP	1201	8 SCT 25 SCT E60 BKN 200 BKN	7						22	13		995		AO
RS	1250	8 SCT M25 BKN 60 OVC	5		RW-	124	53	46	24	10		995	RE00 B35/60713 1811	AO
RS	1350	12 SCT 25 SCT E60 BKN 1200VC	10			118	54	47	24	03		993	RE15	AO
SA	1450	15 SCT E60 BKN 110 OVC	10			108	53	47	30	07		990		AO
SA	1558	20 SCT M38 OVC	7		RW-	117	50	48	21	10		992	RB23/5101 ~~X~~ 3 1811 57	EP
													RAOAT 94078	
SA	1652	20 SCT M38 BKN 450 VC	10		RW-	122	49	48	25	07		993		EP
SA	1757	20 SCT M38 OVC	7		RW-	134	48	44	22	11		996		EP
SA	1852	20 SCT M38 OVC	7		RW-	140	47	45	25	05		997	11714 18//	EP
SA	1953	10 SCT M32 OVC	7		R-	147	47	46	25	10		000		EP
SA	2052	10 SCT M32 OVC	7		R-	151	46	45	34	04		001		EP
SA	2158	12 SCT 35 SCT M450VC	20			154	46	45	05	06		001	RE24/11031 151/ ~~7063~~	EP
SA	2258	M38 OVC	20			151	47	46	00	00		001		EP
SA	2354	38 SCT 200 ~~B~~KN	20			157	46	46	35	05		002		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n$TdTdTd $3P_oP_oP_oP_o$ 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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: MERCURY, DESERT ROCK NEVADA

DATE: NOV 6 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 (10s-36s) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	M45 BKN 200 OVC	20			156	47	46	30	05		002	103 1501	EP
SA	0152	M45 OVC	20			155	47	46	13	05		002		EP
SA	0253	17 SCT M38 OVC	20			160	47	46	35	04		003		EP
SA	0350	35 SCT 60 SCT E220 BKN	20			166	47	46	00	00		004	307 1401 46 20049 RADAT 92076	AD
SA	0450	35 SCT M60 BKN 220 BKN	20			170	47	45	25	08		005		AD
SA	0550	35 SCT M60 BKN 100 OVC	20			170	48	44	24	11		005		AD
SA	0650	35 SCT M50 BKN 100 OVC	20			170	48	43	28	09		005	103 1471	AD
SA	0750	35 SCT M50 BKN 80 OVC	20			177	49	44	27	07		007		AD
SA	0850	35 SCT 50 SCT E80 OVC	20			181	50	44	23	13		008		AD
SA	0950	50 SCT 80 SCT E140 BKN 220 BKN	20			183	53	44	23	18		009	214 1471 45	AD
SA	1050	80 SCT 140 SCT E220 BKN	20			177	55	44	25	16		008		AD
SA	1150	80 SCT 140 SCT	20			170	57	44	26	15		006		AD
SA	1250	80 SCT E130 ~~SCT~~ BKN	20			165	56	44	25	15		005	714 1470	AD
SA	1350	80 SCT E130 BKN	20			170	56	44	26	17		006		AD
SA	1450	80 SCT 120 SCT	20			170	57	44	24	12		006		AD
SA	1554	80 SCT 120 SCT	20			169	56	44	24	09		006	103 1830 58 RADAT 57096	EP
SA	1656	E80 BKN	20			170	53	44	28	09		006		EP
SA	1753	M65 BKN	20			174	53	44	26	06		007		EP
SA	1853	M70 BKN	20			177	53	44	23	07		008	307 1800	EP
SA	1953	30 SCT M70 BKN	20			185	52	44	29	09		011		EP
SA	2051	30 SCT M60 BKN	20			193	51	46	31	07		013		EP
SA	2152	32 SCT M50 BKN	20			192	51	46	32	06		013	114 1800 58	EP
SA	2252	60 SCT	20			195	50	45	34	09		014		EP
SA	2351	CLR	20			194	49	45	35	07		014		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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

STATION: WARD, ERNIE ROSS AIRPORT

DATE: NOV 6 1987

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	55	26.610			96	10	6	SC	M45	4	CI	200	10								8	1	.010			00-01
01	52	26.610			96	10															9					01-02
02	53	26.620			96	10															10					02-03
03	50	26.630			96	8	2	SC	35	3	SC	60	5	3	CI	E20	8				6	3	.020			03-04
04	50	26.640			93	8															7					04-05
05	50	26.640			86	10															9					05-06
06	50	26.640			83	10	1	SC	35	5	SC	M50	6	4	AC	100	10				10	1	.010			06-07
07	50	26.660			83	10															9					07-08
08	50	26.670			80	10															9					08-09
09	50	26.680			72	9	1	SC	50	2	SC	80	3	3	AC	E40	6	3	CI	220	7	2	.040			09-10
10	50	26.670			66	6															5					10-11
11	50	26.650			62	5															4					11-12
12	50	26.640			64	8	4	SC	80	4	AC	E130	8								8	7	.040			12-13
13	50	26.650			64	8															8					13-14
14	50	26.650			62	4															4					14-15
15	54	26.650			64	1	0	CU	40	1	SC	80	1	0	AC	120	1				1	1	.010			15-16
16	56	26.650			71	6															5					16-17
17	53	26.660			71	8															7					17-18
18	53	26.670			71	9	0	CU	40	9	SC	M70	9								9	3	.020			18-19
19	53	26.690			74	8															8					19-20
20	51	26.710			83	8															8					20-21
21	52	26.710			83	7	1	CU	32	7	SC	M50	7								6	1	.040			21-22
22	52	26.720			83	1															1					22-23
23	51	26.720			86	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.			
61	62	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0350	X	0	0	X	47	46	X	X						X		
	0350	1	0	0	0	47	46		1								
	0950	2	0	0	0	53	45		0								
	1549	3	0	0	0	58	52		0								
	2149	4	0	0	0	56	51		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.680	26.650	26.710
BARO GRAPH 64	26.620	26.670	26.650	26.710
BAR. CORR. 65	+.010	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
58	45	0	0	0	23	W	1408					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0612 SUNSET 1643

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 / 1250 / 1

0550/0550

1250/1250

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: WBMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: NOV 7 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 (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIM. SET. SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			196	47	45	34	08		014	103 1100	EP
SA	0153	CLR	20			197	45	44	17	04		014		EP
SA	0250	CLR	20			192	46	44	05	04		013		EP
SA	0350	CLR	20			195	44	43	01	05		013	603 44 RADAT 63102	AD
SA	0450	CLR	20			200	45	44	02	03		014		AD
SA	0550	CLR	20			205	43	42	00	00		015		AD
SA	0650	CLR	20			206	46	45	08	04		016	210	AD
SA	0750	CLR	20			207	52	46	00	00		017		AD
SA	0850	CLR	20			214	56	46	00	00		019		AD
SA	0950	CLR	20			211	58	45	21	03		019	110 43	AD
SA	1050	CLR	20			207	60	45	28	05		018		AD
SA	1150	CLR	20			199	63	46	21	08		016		AD
SA	1250	CLR	20			192	62	48	22	11		014	717	AD
SA	1350	CLR	20			186	63	48	22	08		012		AD
SA	1450	CLR	20			185	64	46	21	08		012		AD
SA	1554	CLR	20			190	63	44	22	09		013	503 1100 64 RADAT 48107	EP
SA	1650	CLR	20			195	60	44	00	00		014		EP
SA	1751	CLR	20			203	54	49	06	06		015		EP
SA	1851	CLR	20			206	52	49	05	03		016	210	EP
SA	1951	CLR	20			207	52	47	00	00		017		EP
SA	2056	CLR	20			208	54	44	06	08		018		EP
SA	2153	CLR	20			214	53	43	06	07		020	314 64	EP
SA	2251	CLR	20			217	53	42	05	09		022		EP
SA	2355	CLR	20			215	53	41	05	12		022		EP

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 7 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.720			91	0	0	CU	30												0	1	.010			00-01
01 53	26.720			96	0															0					01-02
02 50	26.710			92	0															0					02-03
03 50	26.710			96	0															0	6	.010			03-04
04 50	26.720			96	0															0					04-05
05 50	26.730			96	0															0	.				05-06
06 50	26.740			96	0															0	2	.030			06-07
07 50	26.750			80	0															0					07-08
08 50	26.770			69	0															0					08-09
09 50	26.770			62	0															0	1	.030			09-10
10 50	26.760			58	0															0					10-11
11 50	26.740			54	0															0					11-12
12 50	26.720			60	0															0	7	.050			12-13
13 50	26.700			58	0															0					13-14
14 50	26.700			52	0															0					14-15
15 54	26.710			50	0	0	CU	50												0	5	.010			15-16
16 50	26.720			56	0															0					16-17
17 51	26.730			83	0															0					17-18
18 51	26.740			90	0															0	2	.030			18-19
19 51	26.750			83	0															0					19-20
20 56	26.760			69	0															0					20-21
21 53	26.780			69	0															0	3	.040			21-22
22 51	26.790			66	0															0					22-23
23 55	26.790			64	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0350	X	0	0	X	49	44	X	X						X		
	0350	1	0	0	0	51	47		0								
	0950	2	0	0	0	58	43		0								
	1550	3	0	0	0	64	57		0								
	2150	4	0	0	0	63	51		0								
	MID.	X	0	0	0	54	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.770	26.710	26.780
BAROGRAPH 64	26.700	26.760	26.705	26.770
BAR. CORR. 65	+.010	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
64	43	0	0	0	14	NE	2334					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 0613 SUNSET 1642

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: 0400 / 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

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: NOV 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 (dd) (9)	WIND SPEED (ff) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			220	52	40	06	10		023	207	EP
SA	0150	CLR	20			221	49	41	11	04		023		EP
SA	0251	CLR	20			220	51	40	06	10		023		EP
SA	0350	CLR	20			220	52	39	04	13		023	400 49 RADAT 22109	JS
SA	0452	CLR	20			229	49	39	05	08		025		JS
SA	0551	CLR	20			234	50	39	05	15		025		JS
SA	0650	CLR	20			239	50	39	05	12		026	210	JS
SA	0750	CLR	20			240	54	39	04	08		027		JS
SA	0850	CLR	20			243	56	34	03	12		028		JS
SA	0950	CLR	20			237	59	40	02	14		027	003 47	JS
SA	1052	250 SCT	20			231	62	39	02	12		026		JS
SA	1150	250 SCT	20			224	63	38	05	07		024		JS
SA	1254	250 SCT	20			215	65	38	14	08		022	717 1001	JS
SA	1355	250 - SCT	20			211	65	37	11	13		020		JS
SA	1450	250 - BKN	20			209	64	37	11	15		019		JS
SA	1553	250 - BKN	20			208	64	38	12	09		019	607 1001 66 RADAT 20123	MM
SA	1650	250 - SCT	20			213	59	41	13	06		019		MM
SA	1754	250 SCT	20			218	54	44	09	06		020		MM
SA	1855	250 SCT	20			217	56	41	07	06		020	103 1001	MM
SA	1952	250 SCT	20			223	50	43	35	05		022		MM
SA	2055	250-SCT	20			222	49	43	00	00		022		MM
SA	2151	250-SCT	20			224	48	43	06	06		023	207 1001 66	MM
SA	2256	250-SCT	20			223	47	42	05	06		023		MM
SA	2353	250-SCT	20			224	45	42	02	03		023		MM

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, DENVER ROCK [illegible]

DATE: NOV 8 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 55	26.800			64	0															0	2	.020			00-01
01 50	26.800			74	0															0					01-02
02 51	26.800			66	0															0					02-03
03 50	26.800			62	0															0	4	.000			03-04
04 52	26.815			70	0															0					04-05
05 51	26.820			66	0															0					05-06
06 50	26.830			65	0															0	2	.030			06-07
07 50	26.840			58	0															0					07-08
08 50	26.850			53	0															0					08-09
09 50	26.840			49	0															0	0	.010			09-10
10 52	26.830			42	1															1					10-11
11 50	26.810			39	2															2					11-12
12 54	26.790			37	2	2	CI	250												2	7	.050			12-13
13 55	26.775			35	3															1					13-14
14 50	26.770			36	6															2					14-15
15 53	26.770			38	6	6	CI	250												2	6	.020			15-16
16 50	26.770			51	4															2					16-17
17 54	26.780			69	3															2					17-18
18 55	26.780			57	3	3	CI	250												2	1	.010			18-19
19 52	26.790			77	3															2					19-20
20 55	26.790			80	1															0					20-21
21 51	26.800			83	2	2	CI	250												0	2	.020			21-22
22 56	26.800			83	2															0					22-23
23 53	26.800			89	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0348	X	0	0	X	53	48	X	X									
	0348	1	0	0	0	54	48		0									
	0948	2	0	0	0	60	47		0									
	1549	3	0	0	0	66	59		0									
	2147	4	0	0	0	64	47		0									
	MID.	X	0	0	0	50	45	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0850	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.840	26.770	26.800
BAROGRAPH 64	26.795	26.840	26.785	26.800
BAR. CORR. 65	+.005	0	-.015	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	45	66	66	70	71	72	73	74	75	76	77	78	79	80	81
66	45	0	0	0	20	NE	0834					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0614 SUNSET 1641

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: 0503 / 1752 / /

1254 / CLOUD CODE GP 1001 / 1558

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: NOV. 9-1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND GUSTS (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	250 - SCT	20			220	45	41	12	04		022	803 1001	
SA	0156	250 - SCT	20			220	45	41	04	06		022		
SA	0251	250 - SCT	20			221	44	40	32	05		022		
SA	0352	250 SCT	20			220	44	40	06	03		022	400 1008 43 RADAT 20116	JS
SA	0452	250 - OVC	20			225	47	39	12	04		023		JS
SA	0552	250 - OVC	20			233	45	39	22	05		024		JS
SA	0650	250 - OVC	20			237	45	41	01	05		026	212 1007	JS
SA	0752	E250 OVC	20			239	51	41	00	00		026		JS
SA	0856	E250 BKN	20			236	56	41	00	00		026		JS
SA	0957	E250 OVC	20			236	59	41	13	09		026	102 1007 42	JS
SA	1053	E250 BKN	20			226	62	41	11	13		024		JS
SA	1152	E250 BKN	20			224	63	41	35	03		023		JS
SA	1250	E250 BKN	20			219	64	40	31	06		022	714 1008	JS
SA	1352	E250 BKN	20			214	65	40	07	03		020		JS
SA	1450	250 SCT	20			211	65	40	09	05		019		JS
SA	1556	250 SCT	20			217	64	40	13	05		020	503 1001 66 RADAT 20128	
SA	1654	250 - BKN	20			228	58	44	12	08		020		
SA	1754	250 - SCT	20			228	56	43	12	11		023		
SA	1850	CLR	20			237	53	44	11	05		025	314	
SA	1953	250 SCT	20			239	51	43	00	00		026		
SA	2050	CLR	20			240	50	43	00	00		027	AC NE-SE	
SA	2152	CLR	20			243	49	42	00	00		028	210 1001 66	
SA	2256	CLR	20			246	48	42	35	03		029		
SA	2350	CLR	20			248	50	41	10	06		030		

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: Nov. 9 - 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 52	26.790			86	2	2	Cl	250												0	8	.010			00-01
01 56	26.790			86	2															0					01-02
02 51	26.790			86	1															0					02-03
03 52	26.790			84	1	1	CS	250												1	4	.000			03-04
04 52	26.800			74	10															4					04-05
05 52	26.810			82	10															4					05-06
06 50	26.825			86	10	10	CS	250												4	2	.035			06-07
07 52	26.830			68	10															8					07-08
08 56	26.830			57	9															7					08-09
09 51	26.830			52	10	10	CS	250												7	1	.005			09-10
10 53	26.810			46	9															8					10-11
11 52	26.800			45	8															6					11-12
12 50	26.790			40	9	9	CS	250												7	7	.040			12-13
13 52	26.775			39	8															5					13-14
14 50	26.770			41	3															3					14-15
15 56	26.780			41	1	1	Cl	250												1	5	.010			15-16
16 54	26.780			60	6															1					16-17
17 51	26.800			62	3															0					17-18
18 50	26.820			71	0															0	3	.040			18-19
19 53	26.830			74	1															1					19-20
20 50	26.840			77	0															0					20-21
21 52	26.850			77	0	0	Cl	250												0	2	.030			21-22
22 56	26.860			80	0															0					22-23
23 50	26.870			71	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID TO 0349	X	0	0	X	47	43		X									
	0349	1	0	0	0	50	43		0									
	0949	2	0	0	0	59	42		0									
	1551	3	0	0	0	66	59		0									
	2148	4	0	0	0	64	48		0									
	MID.	X	0	0	0	50	46	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0957	1556	2152
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.830	26.780	26.850
BAROGRAPH 64	26.800	26.825	26.790	26.840
BAR. CORR. 65	-.010	+.005	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
66	42	0	0	0	15	E	1102					8	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0615 SUNSET 1641

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: 0515 / 1745 / /

* BAROGRAPH CHANGED RESET TO 0 CORR.

☆ 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 NOV. 10 -1987

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

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs.)	TEMP	DEW PT.	WIND DIRECTION (10's of Degrees)	WIND SPEED (Knots)	PRESSURE CHARACTERISTIC	ALTIMETER SETTING (Ins.)	REMARKS AND SUPPLEMENTAL CODED DATA	QUALITY CONTROL REMARKS
SA	0050	CLR	20			248	50	41	02	04		030	107	
SA	0156	CLR	20			250	45	41	00	00		030		
SA	0254	250-SCT	20			246	45	41	32	07		029		
SA	0355	CLR	20			255	44	41	09	05		032	303 43 RADAT 20121	JS
SA	0453	250-SCT	20			260	48	40	08	05		033		JS
SA	0550	250-SCT	20			265	44	40	02	07		034		JS
SA	0650	250-BKN	20			266	46	40	00	00		034	207 1001	JS
SA	0756	250-BKN	20			269	56	40	04	15		036		JS
SA	0853	250-OVC	20			265	57	40	02	11		035		JS
SA	0958	250-BKN	20			266	60	41	04	12		036	105 1001 44	JS
SA	1050	250-OVC	20			265	62	41	04	13		035		JS
SA	1150	250-OVC	20			255	65	40	04	08		033		JS
SA	1255	250-OVC	20			241	68	40	10	06		029	819 1001	JS
SA	1353	250-BKN	20			245	67	39	09	04		029		JS
SA	1450	250-BKN	20			238	68	39	18	04		028		JS
SA	1552	250 SCT	20			234	67	39	16	05		026	810 1001 69 RADAT 20130	
SA	1655	250 SCT	20			238	61	42	11	07		027		
SA	1755	250 SCT	20			251	56	43	31	03		029		
SA	1852	250 SCT	20			259	53	44	02	08		032	317 1001	
SA	1956	250 SCT	20			258	54	42	04	05		033		
SA	2056	250 SCT	20			260	56	40	05	06		034		
SA	2154	CLR	20			260	53	38	04	05		034	107 1001 69	
SA	2255	CLR	20			260	51	37	05	07		034		
SA	2356	250 SCT	20			260	49	39	00	00		034		

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: NOV. 10-1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.870			71	0															0	1	.020			00-01
01 56	26.870			86	0															0					01-02
02 54	26.860			86	1															0					02-03
03 55	26.880			90	0															0	3	.010			03-04
04 53	26.890			74	4															1					04-05
05 50	26.895			85	4		Cl													1					05-06
06 50	26.900			79	8	8	CB	250												1	2	.020			06-07
07 56	26.915			55	8															1					07-08
08 53	26.905			54	10															1					08-09
09 51	26.915			50	8	8	Cl	250												1	1	.015			09-10
10 50	26.910			47	10															2					10-11
11 50	26.890			40	10															2					11-12
12 55	26.860			37	10	10	Cl	250												1	8	.055			12-13
13 53	26.860			36	8															1					13-14
14 50	26.845			35	7															1					14-15
15 52	26.830			36	3	3	Cl	250												2	8	.030			15-16
16 55	26.840			50	3															2					16-17
17 55	26.860			62	3															2					17-18
18 52	26.880			71	3	3	Cl	250												2	3	.050			18-19
19 56	26.890			64	2															2					19-20
20 56	26.900			55	2															2					20-21
21 54	26.900			57	0	0	Cl	250												0	1	.020			21-22
22 55	26.900			59	0															0					22-23
23 56	26.900			68	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0351	X	0	0	X	50	43	X	X						X		
	0851	1	0	0	0	50	43		0								
	0948	2	0	0	0	60	44		0								
	1547	3	0	0	0	69	60		0								
	2150	4	0	0	0	67	52		0								
	MID.	X	0	0	0	54	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0957	1532	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.915	26.830	26.900
BAROGRAPH 64	26.870	26.910	26.850	26.890
BAR. CORR. 65	+.010	+.005	-.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
69	43	0	0	0	18	NE	0838					8	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 0616 SUNSET 1640

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: 0357 / 1605 / /

0951 / 24HR MIN 43 / 1502

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 Nov. 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 (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SET. TING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0055	CLR	20			258	47	41	08	06		034	400	[illegible]
SA	0153	250-SCT	20			253	50	37	05	04		033		[illegible]
SA	0254	250-SCT	20			250	48	38	01	03		032		[illegible]
SA	0352	250 SCT	20			255	47	40	26	03		033	703 1008 46 RADAT	JS
							4						20133	
SA	0450	250 SCT	20			255	49	34	06	09		033		JS
SA	0550	250-BKN	20		262	256	49	33	04	11		034		JS
SA	0652	250-BKN	20			268	50	33	04	10		035	307 1008	JS
SA	0753	E 250 BKN	20			272	54	32	04	13		037		JS
SA	0854	250-BKN	20			266	57	33	04	10		036		JS
SA	0955	250-BKN	20			266	60	34	01	10		036	003 1001 46	JS
SA	1056	250-BKN	20			256	63	34	35	10		034		JS
SA	1151	250-BKN	20			245	65	33	34	06		030		JS
SA	1250	250-BKN	20			234	69	31	36	03		027	729 1001	JS
SA	1351	250-SCT	20			224	69	31	36	03		025		JS
SA	1450	250-SCT	20			217	68	26	14	06		023		JS
SA	1552	250-BKN	20			217	68	25	13	11		022	615 1001 70 RADAT 20131	[illegible]
SA	1651	250-BKN	20			219	61	31	11	11		022		[illegible]
SA	1755	250-BKN	20			227	57	34	11	06		024		[illegible]
SA	1852	250-SCT	20			230	54	34	35	04		024	307 1001	[illegible]
SA	1957	250-SCT	20			238	50	36	24	05		026		[illegible]
SA	2058	CLR	20			234	47	38	11	05		025		[illegible]
SA	2155	CLR	20			232	48	37	35	05		025	003 70	[illegible]
SA	2256	CLR	20			232	45	37	03	07		025		[illegible]
SA	2355	CLR	20			231	44	37	00	00		025		[illegible]

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: NOV. 11-1987

To convert L.S.T. to G.M.T. ADD 8 hrs. SUBTRACT hrs

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 55	26.900			80	0															0	4	.000			00-01
01 53	26.890			61	1															0					01-02
02 54	26.880			68	3															0					02-03
03 52	26.890			75	2	2	CS	250												2	7	.010			03-04
04 50	26.895			56	2															2					04-05
05 50	26.895			53	8															2					05-06
06 52	26.910			51	9	9	CS	250												3	3	.020			06-07
07 53	26.925			43	9															5					07-08
08 54	26.920			39	8															3					08-09
09 55	26.920			37	8	8	CI	250												2	0	.010			09-10
10 56	26.885			34	8															2					10-11
11 51	26.865			31	8															1					11-12
12 50	26.835			24	8	8	CI	250												1	7	.085			12-13
13 51	26.820			24	3															1					13-14
14 50	26.785			20	2															1					14-15
15 52	26.790			20	6	6	CI	250												0	6	.045			15-16
16 51	26.790			32	7															0					16-17
17 55	26.805			42	7															0					17-18
18 52	26.810			47	3	3	CI	250												0	3	.020			18-19
19 57	26.830			58	3															0					19-20
20 58	26.820			71	0															0					20-21
21 55	26.820			66	0															0	0	.010			21-22
22 56	26.820			73	0															0					22-23
23 55	26.820			76	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0349	X	0	0	X	51	46	X	X								
	0349	1	0	0	0	54	46		0								
	0952	2	0	0	0	60	46		0								
	1548	3	0	0	0	70	60		0								
	2151	4	0	0	0	68	45		0								
	MID.	X	0	0	0	50	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.920	26.790	26.820
BAROGRAPH 64	26.870	26.900	26.810	26.820
BAR. CORR. 65	+.020	+.020	-.020	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNML'D TO (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
70	44	0	0	0	18	NE	0756					7	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0617 SUNSET 1639

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: 0757/1552 / /

0550/0550

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

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE Nov. 12 - 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (tens of degrees) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			226	43	37	07	03		024	803	GG
SA	0150	250 SCT	20			220	43	36	11	04		023		DCa
SA	0255	250-SCT	20			218	42	37	00	00		022	~~503 1001~~	DCa
SA	0352	250- SCT	20			221	43	37	02	04		023	503 1001 41	DCa
													RADAT 20127	
SA	0453	CLR	20			220	41	36	11	04		020	FEW Ci	DCa
SA	0553	250 - BKN	20			218	41	37	01	05		019		DCa
SA	0652	250 - SCT	20			228	44	37	14	04		023	500 1001	DCa
SA	0754	E 250 BKN	20			231	52	36	31	04		024		DCa
SA	0853	250 SCT	20			231	55	35	06	05		024		DC
SA	0957	CLR	20			221	60	34	11	10		022	803 1002 40	DC
SA	1050	CLR	20			216	63	35	14	07		020	FEW Ci	DC
SA	1155	250 - SCT	20			202	66	35	18	07		017		DC
SA	1257	250 - BKN	20			192	67	35	13	03		014	724 1006	DC
SA	1355	250 - BKN	20			186	66	36	27	07		013		DC
SA	1455	250 - OVC	20			183	66	37	28	05		011		DC
SA	1550	250 - BKN	20			184	62	38	24	05		011	610 1008 68 RADAT	CH
													35127	
SA	1650	250 - BKN	20			187	59	42	00	00		011		CH
SA	1750	250 - BKN	20			189	55	44	07	04		011		CH
SA	1850	250 - BKN	20			188	53	45	07	04		011	400 1008	CH
SA	1950	250 - BKN	20			180	54	42	10	06		009		CH
SA	2050	250 - BKN	20			179	53	42	00	00		009		CH
SA	2150	250 - BKN	20			175	48	42	05	03		008	707 1008 68	CH
SA	2250	250 - BKN	20			170	47	41	02	05		007		CH
SA	2350	250 - BKN	20			164	48	39	10	05		006		CH

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

FM12-VII: IIiii iR_ix_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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: Nov. 12-1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.810			79	0														0	8	+.010			00-01
01	50	26.800			76	1														1					01-02
02	55	26.790			86	3														1					02-03
03	52	26.800			79	2	2	Ci	250											1	5	.010			03-04
04	53	26.780			82	0														0					04-05
05	53	26.770			86	6														3					05-06
06	52	26.800			76	3	3	Ci	250											1	5	.000			06-07
07	54	26.810			54	7														6					07-08
08	53	26.810			47	3														2					08-09
09	57	26.790			38	0	0	CI	250											0	8	.010			09-10
10	50	26.780			35	0														0					10-11
11	55	26.745			32	1														0					11-12
12	57	26.720			31	9	9	CS	250											1	7	.070			12-13
13	55	26.705			33	9														2					13-14
14	55	26.690			34	10														4					14-15
15	50	26.690			41	8	8	CS	250											3	6	.030			15-16
16	50	26.690			53	8														3					16-17
17	50	26.690			67	8														3					17-18
18	50	26.690			74	8	8	CS	250											3	4	.000			18-19
19	50	26.680			64	8														3					19-20
20	50	26.680			66	7														3					20-21
21	50	26.670			80	7	7	CS	250											2	7	.020			21-22
22	50	26.660			80	7														2					22-23
23	50	26.650			71	7														2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0349	X	0	0	X	44	41	X	X								
	0349	1	0	0	0	50	41		0								
	0950	2	0	0	0	60	40		0								
	1548	3	0	0	0	68	60		0								
	2148	4	0	0	0	62	48		0								
	MID.	X	0	0	0	50	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.790	26.690	26.670
BAROGRAPH 64	26.800	26.785	26.690	26.660
BAR. CORR. 65	0	+.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)		
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	
68	40	0	0	0	14	E	0950					5	5			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0618 SUNSET 1638

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: 0403 / 1755P /

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

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: NOV. 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 (Tens of Degrees) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - BKN	20			160	46	40	06	06		005	710 1008	CH
SA	0150	250 - BKN	20			162	44	40	35	05		005		CH
SA	0250	250 - BKN	20			154	45	38	34	05		003		CH
SA	0352	E180 OVC	20			145	45	39	00	00		000	817 101/ 44	DC
SA	0455	200 - BKN	20			143	44	40	00	00		999	RADAT 42128	DC
SA	0550	E200 OVC	20			144	47	39	04	04		999	BINOVC E	DC
SA	0650	E160 OVC	20			144	48	39	07	05		999	603 103/	DC
SA	0755	60 SCT E120 OVC	20			142	50	38	23	08		999		DC
SA	0851	60 SCT E120 BKN 200 OVC	20		145	149	52	38	06	06		000		DC
SA	0951	60 SCT E100 OVC	20			152	55	37	25	06		001	VIRGA S-W/307 153/ 44	DC
SA	1053	70 SCT E120 BKN 200 OVC	20			129	57	39	12	13		995	BINOVC W SHWRS SE	DC
SA	1155	E120 BKN 200 OVC	20			119	57	38	13	10		992	LRG BINOVC W-NW	DC
SA	1257	120 SCT E250 BKN	20			105	61	36	25	05		988	739 1072	DC
SA	1356	250 - BKN	20			092	63	36	24	08		985	AC SE	DC
SA	1457	250 SCT	20			086	62	35	23	07		983		DC
SA	1550	250 - BKN	20			085	59	38	13	12		982	619 1002 63	CH
													RADAT 45111	
SA	1650	250 - BKN	20			086	57	38	12	10		982		CH
SA	1750	250 - BKN	20			083	54	39	12	08		981		CH
SA	1850	250 - BKN	20			078	53	40	12	10		980	807 1002	CH
SA	1950	250 - BKN	20			078	52	40	12	05		980		CH
SA	2050	250 - BKN	20			076	51	41	10	08		980		CH
SA	2150	250 - BKN	20			074	49	41	06	05		979	803 1002 63	CH
SA	2250	250 - BKN	20			069	49	42	33	05		977		CH
SA	2350	250 - BKN	20			074	48	42	03	05		979		CH

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_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: NOV. 13, 1987

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

CLOUDS AND OBSCURING PHENOMENA

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.640			80	7	7	CS	250												2	7	.030			00-01
01 50	26.640			86	7															2					01-02
02 50	26.620			77	7															2					02-03
03 52	26.590			79	10	10	AS	E180												10	8	.050			03-04
04 55	26.580			86	8															4					04-05
05 50	26.580			74	10															9					05-06
06 50	26.580			71	10	10	Ac	E160												10	6	.010			06-07
07 55	26.580			63	10															10					07-08
08 51	26.590			59	10															10					08-09
09 51	26.600			51	10	2	Sc	60	10	Ac	E100	10								10	3	.020			09-10
10 53	26.545			51	10															10					10-11
11 55	26.520			49	10															10					11-12
12 57	26.485			39	8	1	AC	120	8	CI	E250	8								5	7	.115			12-13
13 56	26.455			37	7															1					13-14
14 57	26.440			36	4															3					14-15
15 50	26.430			46	7	7	CI	250												3	6	.055			15-16
16 50	26.430			49	8															3					16-17
17 50	26.420			57	8															3					17-18
18 50	26.410			61	8	8	CI	250												3	8	.020			18-19
19 50	26.410			64	8															3					19-20
20 50	26.405			69	8															2					20-21
21 50	26.400			74	7	7	CI	250												2	8	.010			21-22
22 50	26.390			77	7															2					22-23
23 50	26.400			80	7															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0345	X	0	0	X	48	44	X	X						X		
	0345	1	0	0	0	50	44		0								
	0945	2	0	0	0	55	44		0								
	1548	3	0	0	0	63	55		0								
	2148	4	0	0	0	59	48		0								
	MID.	X	0	0	0	50	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.600	26.410	26.400
BAROGRAPH 64	26.580	26.595	26.420	26.390
BAR. CORR. 65	+.010	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
63	44	0	0	0	18	SE	1825					9	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 0619 SUNSET 1637

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0655 / 1600P / /

SA 0851 SLP CHANGED TO 145 AT 1215

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: NOV. 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. (Mb) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (tens of degrees) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (in.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB REMARKS INITIALS (15)
SA	0050	E 80 OVC	10		RW-	074	49	44	02	08		980	RB35/30300/07/	CH
SA	0150	M 45 OVC	10		RW-	080	48	44	01	07		982		CH
SA	0250	M 50 BKN 220 OVC	10			074	48	44	06	07		980	RE 41	CH
SA	0358	CLR	20			080	45	43	35	07		981	20301 1060 44	DC
													20001 RADAT 64080	
SA	0452	CLR	20			082	44	42	30	06		981	AC SE	DC
SA	0554	CLR	20			096	43	38	00	00		984	ACSL NE SE FEW	DC
													CU SC	
SA	0651	70 SCT	20			101	46	35	11	04		986	215 1500	DC
SA	0747	CLR	20			106	51	37	00	00		988	FEW CU SC	DC
SA	0857	CLR	20			106	55	34	34	06		988	FEW CU	DC
SA	0953	50 SCT	20			106	57	31	31	05		988	108 1200 42	DC
SA	1056	55 SCT	20			100	59	30	32	14	G22	987		DC
SA	1153	55 SCT	20			096	60	28	30	14	G24	986		DC
SA	1257	60 SCT	20			096	59	25	32	14	G25	986	608 1200	DC
SA	1355	65 SCT	20			101	60	22	32	20	G25	987		DC
SA	1455	CLR	20			106	59	18	33	20	G29	988	FEW CU	DC
SA	1550	CLR	20			120	56	15	33	17	G26	992	319 61 RADAT 28078	CH
SA	1650	CLR	20			132	52	15	35	20	G29	994		CH
SA	1750	CLR	20			145	50	17	34	14		997		CH
SA	1850	CLR	20			155	49	18	02	16		001	227	CH
SA	1950	CLR	20			165	47	19	34	16		004		CH
SA	2050	CLR	20			176	43	22	04	06		007		CH
SA	2150	CLR	20			184	43	19	01	08		009	227 61	CH
SA	2250	CLR	20			191	41	21	02	10		012		CH
SA	2350	CLR	20			197	42	20	01	14		014		CH

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

FM12-VII: 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:1984-0-754-006/6685

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 14, 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0050	26.410			83	10	10	AC	E80												10	3	.010			00-01
0150	26.430			86	10															10					01-02
0250	26.410			86	10															8					02-03
0358	26.420			93	0	0	AC	100												0	2	.010			03-04
0452	26.420			93	0															0					04-05
0554	26.450			83	0															0					05-06
0651	26.465			65	1	1	SC	70												1	2	.045			06-07
0747	26.485			59	0															0					07-08
0857	26.490			45	0															0					08-09
0953	26.490			37	1	1	Cu	50												1	1	.025			09-10
1056	26.475			33	2															2					10-11
1153	26.465			30	1															1					11-12
1257	26.465			27	3	3	Cu	60												3	6	.025			12-13
1355	26.475			23	1															1					13-14
1455	26.490			20	0															0					14-15
1550	26.520			20	0															0	3	.055			15-16
1650	26.540			23	0															0					16-17
1750	26.570			27	0															0					17-18
1850	26.600			29	0															0	2	.080			18-19
1950	26.630			33	0															0					19-20
2050	26.660			43	0															0					20-21
2150	26.680			38	0															0	2	.080			21-22
2250	26.700			45	0															0					22-23
2350	26.720			41	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0350	X	.01	0	X	51	44	X	X						X		
	0350	1	.01	0	0	51	44		1								
	0948	2	0	0	0	57	42		0								
	1548	3	0	0	0	61	56		0								
	2148	4	0	0	0	56	41		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1548	2148
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.490	26.520	26.680
BAROGRAPH 64	26.405	26.475	26.510	26.660
BAR. CORR. 65	+.015	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNREL TO (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
61	40	.01	0	0	30	NW	1114					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0035	0241			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0620 SUNSET 1637

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1074S / 1801P/

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: NOV. 15, 1987

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

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs.)	TEMP (°F)	DEW PT (°F)	WIND DIRECTION (00-36)	WIND SPEED (Knots)	CHARACTER	ALTIMETER SETTING (Ins.)	REMARKS AND SUPPLEMENTAL CODED DATA	U.S. OBSERVER INITIALS
SA	0050	CLR	20			203	39	20	09	04		015	117	CH
SA	0150	CLR	20			202	40	15	04	14		015		CH
SA	0250	CLR	20			207	39	15	06	12		016		CH
SA	0355	CLR	20			212	40	15	04	15		017	307 38 RADAT 36052	MR
SA	0452	CLR	20			214	40	14	03	16		017		MR
SA	0558	CLR	20			229	38	15	05	14		020		MR
SA	0653	CLR	20			232	38	15	08	14		022	114 1001	MR
SA	0753	250 -SCT	20			243	42	15	08	09		025		MR
SA	0854	250 -SCT	20			248	43	14	05	11		026		MR
SA	0955	CLR	20			244	45	14	06	10		025	010 1001 37	MR
SA	1053	CLR	20			233	48	12	06	11 G18		023	FEW C1	MR
SA	1153	CLR	20			220	50	10	03	13		019	FEW C1	MR
SA	1253	250 -SCT	20			210	51	7	03	11		016	729 1005	MR
SA	1353	250 -OVC	20			199	52	9	05	10		013		MR
SA	1453	250 -SCT	20			195	53	9	06	10		012		MR
SA	1554	CLR	20			190	53	8	07	10		011	615 1001 53 RADAT 20077	EP
SA	1652	CLR	20			194	48	14	06	05		011		EP
SA	1750	CLR	20			200	46	16	06	07		012		EP
SA	1858	CLR	20			197	43	22	04	06		011	000	EP
SA	1952	250-SCT	20			198	44	19	00	00		012		EP
SA	2051	220-SCT	20			199	42	22	03	07		012	CS	EP
SA	2154	220-BKN	20			198	41	23	11	03		012	1038 53	EP
SA	2250	220-SCT	20			196	41	22	09	03		012		EP
SA	2353	120 SCT 220-SCT	20			189	40	26	00	00		009		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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:1984-0-764-006/10065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE: NOV. 15, 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
00 50	26.730			46	0															0	1	.050			00-01
01 50	26.730			36	0															0					01-02
02 50	26.740			37	0															0					02-03
03 55	26.750			37	0															0	3	.020			03-04
04 52	26.750			35	0															0					04-05
05 58	26.780			38	0															0					05-06
06 53	26.790			38	0	0	Cl	250												0	1	.040			06-07
07 53	26.820			33	3															1					07-08
08 54	26.830			31	1															0					08-09
09 55	26.820			28	0	0	Cl	250												0	0	.030			09-10
10 53	26.795			23	0															0					10-11
11 53	26.765			19	0															0					11-12
12 53	26.735			17	5	5	Cl	250												0	7	.085			12-13
13 53	26.710			17	10															0					13-14
14 53	26.700			17	3															0					14-15
15 54	26.690			16	0	0	Cl	250												0	6	.045			15-16
16 52	26.690			25	0															0					16-17
17 50	26.700			30	0															0					17-18
18 58	26.690			43	0															0	0	.000			18-19
19 52	26.700			36	5															2					19-20
20 51	26.700			45	3															1					20-21
21 54	26.700			48	8	0	Ac	120	8	Cs	220	8								3	1	.010			21-22
22 50	26.700			47	4															1					22-23
23 53	26.680			57	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
	MID. TO 0352	X	0	0	X	42	38	X	X					X		
	0352	1	0	0	0	43	38		0							
	0952	2	0	0	0	45	37		0							
	1550	3	0	0	0	53	45		0							
	2149	4	0	0	0	53	40		0							
	MID.	X	0	0	0	42	39	X	X					X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.)	0355	0955	1551	2150
ATT. THERM.				
OBSRVD. BAR.				
TOTAL CORR.				
STA. PRESS.	26.750	26.820	26.690	26.700
BAROGRAPH	26.730	26.810	26.680	26.710
BAR. CORR.	+.020	+.010	+.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNML'D TO (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND: SPEED (Kts.)	PEAK WIND: DIRECTION	PEAK WIND: TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.): TOP	FROZEN GROUND LAYER (Ins.): BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
53	37	0	0	0	23	NE	0433					2	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED

99. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0621P SUNSET 1636P

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: 1045P / 2115P

2154 / APP 103 / 1320 11-18

☆ 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: NOV. 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 (Tens of Degrees) (9)	WIND SPEED (Knots) (10)	WIND GUSHES (Knots) (10a)	ALTIMETER SET. (Ins.) (11)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS'R'S INITIALS (14)
SA	0052	CLR	20			185	37	26	11	05		008	810 1031	EP
SA	0157	250- SCT	20			180	39	21	A	05		007		Dla
SA	0250	CLR	20			177	35	25	07	04		006	FEW Ci	Dla
SA	0350	CLR	20			182	35	24	00	00		007	503 1001 35 RADAT	Dla
													77088	
SA	0452	CLR	20			184	36	22	00	00		007		Dla
SA	0555	CLR	20			182	35	21	01	05		006	Ac E-S	Dla
SA	0652	CLR	20			186	36	23	09	05		007	Ac E-S Ci SW/500 1031	Dla
SA	0754	CLR	20			196	41	20	20	04		011	Ac SE Ci S-SW	Dla
SA	0852	250 SCT	20			198	48	19	32	04		012		Dla
SA	0955	250 SCT	20			191	53	13	29	04		011	OID 1001 33	Dla
SA	1052	250 -OVC	20			181	55	16	20	06		008		MR
SA	1153	250 -BKN	20			173	57	18	19	07		006		MR
SA	1253	CLR	20			162	59	23	25	07		003	824 1101	MR
SA	1355	250 -SCT	20			156	59	27	22	08		002		MR
SA	1451	250 -SCT	20			156	58	29	21	08		002		MR
SA	1556	~~20~~ CLR	20			152	58	30	24	10		000	710 1001 59 RADAT 40092	EP
SA	1652	CLR	20			158	54	29	00	00		001		EP
SA	1750	CLR	20			165	50	32	02	05		002		EP
SA	1852	CLR	20			164	50	31	00	00		002	107 1001	EP
SA	1957	CLR	20			162	48	31	36	04		002		EP
SA	2057	CLR	20			162	47	28	35	09		003		EP
SA	2153	CLR	20			160	47	26	01	06		003	103 1001 59	EP
SA	2251	CLR	20			163	45	27	01	07		004		EP
SA	2351	CLR	20			160	42	29	08	04		003		EP

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 16 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	52	26.670			64	0	0	Ac	120	0	Ci	220	0							0	8	.030			00-01
01	51	26.660			48	1														0					01-02
02	50	26.650			67	0														0					02-03
03	50	26.660			64	0	0	Ci	250											0	5	.010			03-04
04	52	26.660			57	0														0					04-05
05	55	26.650			57	0														0					05-06
06	52	26.660			59	0	0	Ac	120	0	Ci	250	0							0	5	.000			06-07
07	54	26.690			43	0														0					07-08
08	52	26.700			32	3														2					08-09
09	55	26.690			20	1	1	Ci	250											1	0	.030			09-10
10	52	26.670			22	10														3					10-11
11	53	26.650			22	7														2					11-12
12	53	26.620			25	0	0	Cu	50	0	Ci	250	0							0	8	.070			12-13
13	55	26.610			29	2														0					13-14
14	51	26.605			31	3														0					14-15
15	56	26.590			34	0	0	Ci	200											0	7	.030			15-16
16	52	26.600			38	0														0					16-17
17	50	26.610			50	0														0					17-18
18	52	26.610			48	0	0	Ci	200											0	1	.020			18-19
19	57	26.610			52	0														0					19-20
20	51	26.620			48	0														0					20-21
21	53	26.620			44	0	0	Ci	200											0	1	.010			21-22
22	51	26.630			49	0														0					22-23
23	51	26.620			60	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0345	X	0	0	X	40	35	X	X						X		
	0345	1	0	0	0	42	35		0								
	0945	2	0	0	0	53	33		0								
	1551	3	0	0	0	59	53		0								
	2149	4	0	0	0	58	45		0								
	MID.	X	0	0	0	47	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.680	26.590	26.620
BAROGRAPH 64	26.660	26.685	26.585	26.600
BAR. CORR. 65	0	+.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNKN. TO (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
59	33	0	0	0	12	SW	1606					3	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0622 SUNSET 1635

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0348 / 2130 / /

1556/1556

MF1-10B (4-86)

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

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

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: NOV 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 (10s-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	E230 OVC	20			156	41	30	10	04		002	803 1007	EP
SA	0151	230 - BKN	20			156	40	32	36	04		002		EP
SA	0252	120 SCT E 250 OVC	20			149	41	31	08	04		000		Dla
SA	0352	E110 OVC	20			152	41	33	12	03		001	503 1031 40 RADAT	Dla
/		~~E110 OVC~~	~~20~~				42	34					46104	/
SA	0450	E110 OVC	20			154	42	34	12	04		001		DCa
SA	0553	E110 OVC	20			156	42	34	02	05		001		Dla
SA	0652	E100 OVC	20			162	46	27	35	05		003	307 ~~+27~~ 1021	DCa
SA	0754	90 SCT E150 OVC	20			172	45	33	00	00		005		DCa
SA	0851	90 SCT E150 OVC	20			175	47	31	19	03		006		DCa
SA	0952	E150 OVC	20			177	51	27	00	00		007	314 1021 40	DCa
SA	1056	E140 OVC	20			176	53	22	00	00		007		MR
SA	1152	120 SCT E140 OVC	20			168	54	23	00	00		005		MR
SA	1251	110 SCT E140 OVC	20			168	55	27	26	08		005	508 1071	MR
SA	1353	110 SCT E140 OVC	20			173	54	28	24	04		006		MR
SA	1454	120 SCT E150 BKN 250 OVC	20			171	53	27	19	05		006		MR
SA	1556	90 SCT E140 BKN 230 OVC	20			175	52	29	00	00		006	105 1627 55 RADAT 86092	EP
SA	1654	60 SCT E140 BKN 230 OVC	20			178	51	33	20	03		007		EP
SA	1753	M60 BKN 140 OVC	20			183	50	35	05	04		008		EP
SA	1855	60 SCT 140 SCT E230 ~~OVC~~ BKN	20			191	46	37	03	05		011	314 1538	EP
SA	1952	60 SCT 140 SCT 230 - BKN	20			196	45	35	06	04		012		EP
SA	2051	140 SCT 230 - SCT	20			203	44	35	00	00		014		EP
SA	2156	CLR	20			212	45	31	08	10		017	320 1031 55	EP
SA	2257	CLR	20			219	42	32	00	00		019		EP
SA	2351	CLR	20			223	43	30	13	08		020		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 17 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 53	26.610			65	10	10	CS	E230												7	8	.010			00-01
01 51	26.610			73	8															4					01-02
02 52	26.590			67	10															9					02-03
03 52	26.600			73	10	10	Ac	E110												10	5	.010			03-04
04 50	26.600			73	10															10					04-05
05 53	26.600			73	10															10					05-06
06 52	26.620			47	10	10	As	E100												10	3	.020			06-07
07 54	26.640			63	10															10					07-08
08 51	26.650			54	10															10					08-09
09 52	26.660			39	10	10	Ac	E150												10	3	.040			09-10
10 56	26.660			30	10															10					10-11
11 52	26.635			29	10															10					11-12
12 51	26.635			34	10	3	Ac	110	10	As	E140	10								10	5	.025			12-13
13 53	26.650			37	10															10					13-14
14 54	26.645			37	10															9					14-15
15 56	26.650			41	10	3	Sc	90	5	As	E140	8	3	Cs	230	10				8	1	.015			15-16
16 54	26.660			50	10															9					16-17
17 53	26.670			56	10															10					17-18
18 55	26.690			71	8	3	Sc	60	2	Ac	140	5	3	Cs	230	8				5	3	.040			18-19
19 52	26.700			68	8															2					19-20
20 51	26.720			71	2															1					20-21
21 56	26.750			58	0	0	Ac	140	0	Ci	230	0								0	3	.060			21-22
22 57	26.770			68	0															0					22-23
23 51	26.780			60	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0348	X	0	0	X	42	40	X	X						X		
	0348	1	0	0	0	47	40		0								
	0948	2	0	0	0	51	40		0								
	1550	3	0	0	0	55	51		0								
	2150	4	0	0	0	53	43		0								
	MID.	X	0	0	0	48	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.660	26650	24.750
BAROGRAPH 64	26.585	26.650	26.640	26.735
BAR. CORR. 65	+.015	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Knots)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)		
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	
55	40	0	0	0	17	E	2218					10	8			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0623 SUNSET 1625

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: 0355 / 2035 /

0450/0450

0652/12///102//0652 1855/1855

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: NOV 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 (tens of degrees) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			230	41	31	19	03		023	217	EP
SA	0152	CLR	20			233	44	29	10	07		024		EP
SA	0252	CLR	20			238	43	29	10	06		025		Dc
SA	0352	CLR	20			247	42	31	04	07		027	314 40 RADAT 71L081104	Dc
												030	~~04~~ 71L081104	
SA	0455	CLR	20			259	42	31	04	08		030		DC
SA	0559	CLR	20			264	43	30	04	10		033		KD
SA	0652	CLR	20			277	42	28	04	11		035	224	Dc
SA	0755	CLR	20			284	46	28	06	13		037		Dc
SA	0855	CLR	20			294	48	27	04	12		040		Dc
SA	0959	CLR	20			296	52	28	12	09		040	119 40	RD
SA	1056	CLR	20			284	54	28	01	06		038		RD
SA	1158	CLR	20			276	56	27	02	08		037		RD
SA	1254	CLR	20			270	58	22	13	13		035	717	RD
SA	1353	CLR	20			270	58	23	12	18		035		RD
SA	1453	CLR	20			265	58	23	11	17		034		RD
SA	1556	CLR	20			267	57	22	12	15		034	603 59 RADAT 20116	EP
SA	1652	CLR	20			269	54	21	11	12		034		EP
SA	1750	CLR	20			278	51	23	12	13		036		EP
SA	1850	CLR	20			284	49	23	13	12		037	310	EP
SA	1951	CLR	20			290	47	21	14	06		039		EP
SA	2052	CLR	20			298	44	22	08	08		042		EP
SA	2155	CLR	20			302	40	22	06	06		043	117 59	EP
SA	2250	CLR	20			301	41	21	05	09		043		EP
SA	2350	CLR	20			297	44	20	10	10		043		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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: 1984-0-764-006/60085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: NOV 18 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	52	26.800			67	0														0	2	-.050			00-01
01	52	26.810			55	0														0					01-02
02	52	26.820			59	0														0					02-03
03	52	26.840			65	0														0	3	.040			03-04
04	55	26.870			65	0														0					04-05
05	57	26.890			60	0														0					05-06
06	52	26.910			58	0														0	2	.070			06-07
07	55	26.930			49	0														0					07-08
08	55	26.960			44	0														0					08-09
09	59	26.960			40	0														0	1	.050			09-10
10	56	26.940			37	0														0					10-11
11	58	26.925			33	0														0					11-12
12	54	26.910			25	0														0	7	.050			12-13
13	53	26.910			26	0														(0)					13-14
14	53	26.900			26	0														(0)					14-15
15	56	26.900			26	0														0	6	.010			15-16
16	52	26.900			27	0														0					16-17
17	50	26.920			33	0														0					17-18
18	50	26.930			36	0														0	3	-.030			18-19
19	51	26.950			35	0														0					19-20
20	52	26.970			42	0														0					20-21
21	55	26.980			48	0														0	1	.050			21-22
22	50	26.980			45	0														0					22-23
23	50	26.980			38	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50								
	MID. TO 0348	X	0	0	X	44	40	X	X						X		
	0348	1	0	0	0	48	40		0								
	0956	2	0	0	0	53	41		0								
	1551	3	0	0	0	59	52		0								
	2153	4	0	0	0	57	40		0								
	MID.	X	0	0	0	45	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0958	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.960	26.900	26.980
BAROGRAPH 64	26.840	26.960	26.895	26.970
BAR. CORR. 65	0	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Inc.)	24-HR. SNOWFALL UNREL TO (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND: SPEED (Kts.)	PEAK WIND: DIRECTION	PEAK WIND: TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.): TOP	FROZEN GROUND LAYER (Ins.): BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
59	40	0	0	0	22	SE	1348					0	0		

10. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0624 SUNSET 1634

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0358 / 2035 / 1

0352 / 0352

0455 / 0455

WEATHER & OBSTRUCTIONS TO VISION

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

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: NOV 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (16)
SA	0052	CLR	20			297	42	18	10	04		043	400	EP
SA	0151	CLR	20			298	40	19	12	05		043		EP
SA	0251	CLR	20			246	44	18	05	05		043		EP
SA	0359	CLR	20			299	39	18	08	06		043	400 37 RADAT 20125	RD
SA	0455	CLR	20			299	40	19	05	10		043		RD
SA	0554	CLR	20			309	38	18	06	12		045		RD
SA	0656	250 - SCT	20			313	44	17	36	04		047	314 1001	RD
SA	0756	250 - SCT	20			313	49	16	08	08		047		RD
SA	0853	250 - SCT	20			312	53	16	08	10		047	365	RD
SA	0959	250 - SCT	20			315	55	16	07	12		049	~~110~~ 1001 36	RD
SA	1050	250 - SCT	20			311	57	16	12	10		047		RD
SA	1159	250 - SCT	20			294	60	15	12	14		043		RD
SA	1254	250 - SCT	20			289	60	12	11	12		040	724 1001	RD
SA	1352	250 - SCT	20			280	61	13	12	16		038		RD
SA	1450	250 - SCT	20			275	62	9	12	11		038		RD
SA	1550	250 - SCT	20			278	60	11	11	12		037	610 1001 62 RADAT 20138	AD
SA	1650	250 - SCT	20			277	56	9	12	10		036		AD
SA	1750	250 - SCT	20			285	51	16	05	05		037		AD
SA	1850	CLR	20			289	46	16	36	05		038	303	AD
SA	1950	CLR	20			285	46	17	11	10		038		AD
SA	2050	CLR	20			281	47	16	34	05		038		AD
SA	2150	CLR	20			281	44	18	06	06		038	400 62	AD
SA	2250	CLR	20			285	39	19	36	08		038		AD
SA	2350	CLR	20			277	36	20	08	05		036		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 1-10A (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: NOV 19 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.980			38	0															0	4	.000			00-01
0151	26.980			42	0															0					01-02
0251	26.980			35	0															0					02-03
0359	26.980			43	0															0	4	.000			03-04
0455	26.980			39	0															0					04-05
0554	26.995			44	0															0					05-06
0656	27.020			33	2	2	Cl	250												0	3	.040			06-07
0756	27.020			28	3															0					07-08
0853	27.020			23	4															0					08-09
0959	27.030			21	5	5	Cl	250												0	3	.010			09-10
1050	27.015			20	5															0					10-11
1159	26.980			17	5															0					11-12
1254	26.960			15	4	4	Cl	250												0	7	.070			12-13
1352	26.940			15	4															0					13-14
1450	26935			12	2															0					14-15
1550	26.930			14	4	4	Cl	250												0	6	.030			15-16
1650	26.920			15	1															0					16-17
1750	26.930			25	1															0					17-18
1850	26.940			30	0															0	3	.010			18-19
1950	26.940			31	0															0					19-20
2050	26.940			29	0															0					20-21
2150	26.940			35	0															0	4	.000			21-22
2250	26.940			44	0															0					22-23
2350	26.920			52	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0353	X	0	0	X	45	37	X	X						X		
	0353	1	0	0	0	45	37		0								
	0951	2	0	0	0	55	36		0								
	1550	3	0	0	0	62	55		0								
	2150	4	0	0	0	60	38		0								
	MID.	X	0	0	0	46	36	X	X						X		

STATION PRESSURE COMPUTATIONS

	0358	0958	1558	2158
TIME (L.S.T.) 59				
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.980	27.034	26.930	26.940
BAROGRAPH 64	26.975	27.024	26.930	26.930
BAR. CORR. 65	+.005	+.010	.00	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4 AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
62	36	0	0	0	18	SE	1350					4	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED
82	83	84	85	86	87	88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0625 SUNSET 1633

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1042Z/1600 L

1040/APR 303/0959

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: NOV 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 (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			270	35	20	08	04		034	814	AD
SA	0150	CLR	20			271	35	20	04	04		034		AD
SA	0250	CLR	20			259	37	18	03	08		032		AD
SA	0350	CLR	20			260	34	19	36	03		032	607 33 RAPAT 20129	RD
SA	0450	CLR	20			257	37	18	33	07		029		RD
SA	0550	CLR	20			257	36	18	05	04		029		RD
SA	0655	250 - BKN	20			258	37	17	35	06		028	810 1004	RD
SA	0751	250 -BKN	20			254	44	19	36	07		028		RD
SA	0853	250 -BKN	20			249	51	16	10	08		028		RD
SA	0957	250 -BKN	20			241	53	16	07	05		026	807 1008 32	RD
SA	1056	250 -BKN	20			217	56	16	11	17		019	PRESFR	RD
SA	1155	250 SCT	20			204	60	15	35	09		015		RD
SA	1256	250 SCT	20			194	62	14	15	08		013	642 1008	RD
SA	1357	250 SCT	20			179	63	14	02	03		008		RD
SA	1450	250 -SCT	20			165	64	16	09	08		005		RD
SA	1550	250 SCT	20			159	59	17	12	12		002	732 1008 64 RAPAT 20127	AD
SA	1650	CLR	20			155	53	19	14	13		000		AD
SA	1750	CLR	20			141	50	19	10	13		995		AD
SA	1850	CLR	20			145	49	18	32	11		996	577	AD
SA	1950	CLR	20			140	52	16	00	00		996		AD
SA	2050	CLR	20			128	57	13	19	16		995		AD
SA	2150	CLR	20			122	58	16	20	20G29		994	807 64	AD
SA	2250	CLR	20			122	58	26	21	21		994		AD
SA	2350	CLR	20			114	55	32	21	18		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 $i_R i_x$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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 20 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.) HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0050	26.900			54	0															0	8	.040		00-01
0150	26.900			54	0															0				01-02
0250	26.880			46	0															0				02-03
0350	26.880			52	0															0	6	.020		03-04
0458	26.860			46	0															0				04-05
0551	26.860			48	0															0				05-06
0655	26.850			44	6	6	Cu	250												1	8	.030		06-07
0751	26.850			37	7															1				07-08
0853	26.845			25	7															3				08-09
0957	26.830			23	8	8	Cs	250												3	8	.020		09-10
1056	26.970			21	8															3				10-11
1155	26.925			17	5															3				11-12
1256	26.905			15	5	5	Cs	250												3	6	.125		12-13
1359	26.870			15	5															3				13-14
1450	26.840			16	3															1				14-15
1550	26.810			19	2	2	Cs	250												2	7	.095		15-16
1650	26.790			26	0															0				16-17
1750	26.750			29	0															0				17-18
1850	26.760			29	0															0	5	.050		18-19
1950	26.760			24	0															0				19-20
2050	26.750			17	0															0				20-21
2150	26.740			19	0															0	8	.020		21-22
2250	26.740			30	0															0				22-23
2350	26.720			41	0															0				23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
41	42	43	44	45	46	47	48										
	MID. TO 0348	X	0	0	X	42	33	X	X						X		
	0348	1	0	0	0	46	33		0								
	0950	2	0	0	0	54	32		0								
	1550	3	0	0	0	64	53		0								
	2150	4	0	0	0	59	48		0								
	MID.	X	0	0	0	58	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0856	1550	2150
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.830	26.610	26.540
BAROGRAPH 64	26.860	26.835	26.610	26.520
BAR. CORR. 65	+.020	-.005	+.000	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
64	32	0	0	0	32	SW	2252					6	2		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0626 SUNSET 1633

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1044Q / 1700 /

WEATHER & OBSTRUCTIONS TO VISION

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

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: NOV 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 TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	CLR	20			118	52	33	24	08		993	S03	AD
SA	0150	CLR	20			126	51	33	28	06		995		AD
SA	0250	CLR	20			131	48	34	28	10		996		AD
SA	0351	CLR	20			138	46	34	33	12		997	2-14 46 RADAT 40079	RD
SA	0455	CLR	20			147	44	34	01	08		000		RD
SA	0552	CLR	20			154	42	32	28	03		000		RD
SA	0653	CLR	20			165	40	32	36	05		003	319	RD
SA	0754	CLR	20			164	49	31	19	04		004		RD
SA	0852	CLR	20			164	52	29	30	03		005		RD
SA	0955	CLR	20			164	55	26	22	04		005	107 39	RD
SA	1053	CLR	20			160	55	27	19	04		005		RD
SA	1151	CLR	20			152	59	28	32	06		003		RD
SA	1255	CLR	20			145	60	29	28	05		001	714	RD
SA	1355	CLR	20			138	60	27	07	06		999		RD
SA	1450	CLR	20			140	60	26	06	07		999		RD
SA	1550	CLR	20			142	59	26	06	05		999	607 61 RADAT 20104	AD
SA	1650	CLR	20			146	53	29	29	07		999		AD
SA	1750	CLR	20			145	47	31	33	05		999		AD
SA	1850	CLR	20			162	45	31	02	06		001	307	AD
SA	1950	CLR	20			155	45	30	05	07		001		AD
SA	2050	CLR	20			155	43	30	05	04		001		AD
SA	2150	CLR	20			155	40	31	11	06		001	400 61	AD
SA	2250	CLR	20			155	40	30	06	06		001		AD
SA	2350	CLR	20			149	41	30	11	05		000		AD

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 21 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 SD	26.530			48	0															0	5	.010			00-01
01 SD	26.550			50	0															0					01-02
02 SD	26.560			58	0															0					02-03
03 51	26.570			68	0															0	2	.040			03-04
04 55	26.585			68	0															0					04-05
05 52	26.590			68	0															0					05-06
06 53	26.620			73	0															0	3	.050			06-07
07 54	26.630			50	0															0					07-08
08 52	26.640			41	0															0					08-09
09 55	26.640			32	0															0	1	.020			09-10
10 53	26.635			34	0															0					10-11
11 51	26.620			31	0															0					11-12
12 55	26.600			28	0															0	7	.040			12-13
13 55	26.580			28	0															0					13-14
14 50	26.580			27	0															0					14-15
15 50	26.580			32	0															0	6	.020			15-16
16 50	26.580			39	0															0					16-17
17 50	26.580			54	0															0					17-18
18 50	26.600			58	0															0	3	.020			18-19
19 50	26.600			55	0															0					19-20
20 50	26.600			60	0															0					20-21
21 50	26.600			70	0															0	4	.000			21-22
22 50	26.600			67	0															0					22-23
23 50	26.590			65	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP. 56	57	58
41	42	43	44	45	46	47	48		50								
	MID. 59 0572	X	0	0	X	55	46	X	X								
	0346	1	0	0	0	58	46		0								
	0949	2	0	0	0	55	39		0								
	1550	3	0	0	0	61	54		0								
	2150	4	0	0	0	59	40		0								
	MID.	X	0	0	0	43	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.640	26.580	26.600
BARGRAPH 64	26.550	26.640	26.580	26.590
BAR. CORR. 65	+.020	0	+.000	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
61	39	0	0	0	23	SW	0003					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0627 SUNSET 1632

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040Z / 1700Z

Changed Microbarograph At 0952 LST

1750Z / 1750

MF1-10B (4-86)

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

☆ U.S. Government Printing Office: 1986—654-283

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: NOV 22 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)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			149	40	30	11	05		000	603	AO
SA	0150	CLR	20			156	39	29	36	04		002		AO
SA	0250	CLR	20			153	38	30	10	05		001		AO
SA	0353	CLR	20			154	37	30	14	03		001	003 36 RADAT 30092	JP
SA	0455	CLR	20			162	36	30	35	03		002		JP
SA	0554	CLR	20			162	36	29	11	06		001		JP
SA	0656	CLR	20			170	37	30	00	00		003	307	JP
SA	0755	CLR	20			175	42	30	00	00		005		JP
SA	0850	250 - SCT	20			176	47	31	00	00		006		JP
SA	0953	250 - SCT	20			166	55	30	35	08		004	003 1001 35	JP
SA	1054	250 - SCT	20			161	58	30	01	10		003		JP
SA	1156	250 - SCT	20			152	59	29	03	09		001		JP
SA	1255	250 - SCT	20			141	60	27	34	07		997	820 1001	JP
SA	1354	250 - SCT	20			136	61	27	00	00		996		JP
SA	1455	250 - SCT	20			136	62	25	21	05		996	. .	JP
SA	1558	250 - BKN	20			135	58	30	23	06		995	707 1001 62 RADAT 33091	EP
SA	1653	CLR	20			138	53	30	00	00		995		EP
SA	1754	CLR	20			148	46	33	09	05		996	.	EP
SA	1850	CLR	20			148	44	32	07	06		996	103	EP
SA	1951	CLR	20			151	42	32	06	03		997		EP
SA	2052	CLR	20			147	43	32	00	00		997	. .	EP
SA	2151	CLR	20			M 147	44	31	07	04		997	103 62	EP
SA	2250	CLR	20			141	42	31	00	00		997		EP
SA	2350	CLR	20			141	40	31	11	05		997		EP

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

FM12-VII: IIiii $i_R i_x$hVV Ndddff $1s_n$TTT $2s_n$TdTdTdTd $3P_oP_oP_oP_o$ 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: **NOV 22 1987**

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.580			67	0															0	6	.010			00-01
01 50	26.610			67	0															0					01-02
02 50	26.600			73	0															0					02-03
03 53	26.600			76	0															0	0	.010			03-04
04 55	26.610			79	0															0					04-05
05 54	26.600			76	0															0					05-06
06 56	26.620			76	0															0	3	.020			06-07
07 55	26.640			62	0															0					07-08
08 50	26.650			54	3															0					08-09
09 53	26.630			38	2	2	CI	250												0	0	.010			09-10
10 54	26.630			34	2															0					10-11
11 56	26.600			32	2															0					11-12
12 55	26.570			28	2	2	CI	250												0	8	.060			12-13
13 54	26.560			27	2															0					13-14
14 55	26.560			24	2															0					14-15
15 58	26.550			34	6	6	CI	250												1	7	.020			15-16
16 53	26.550			41	0															0					16-17
17 54	26.560			60	0															0					17-18
18 50	26.560			63	0															0	1	.010			18-19
19 51	26.570			68	0															0					19-20
20 52	26.570			65	0															0					20-21
21 51	26.570			60	0															0	1	.010			21-22
22 50	26.570			65	0															0					22-23
23 50	26.570			70	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0330	X	0	0	X	41	36	X	X								
	0350	1	0	0	0	43	36		0								
	0951	2	0	0	0	55	35		0								
	1552	3	0	0	0	62	55		0								
	2148	4	0	0	0	58	41		0								
	MID.	X	0	0	0	44	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1553	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.550	26.570
BAROGRAPH 64	26.580	26.620	26.540	26.550
BAR. CORR. 65	+.020	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4 AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
62	35	0	0	0	14	N	1107					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0628 SUNSET 1632

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 1035P/2045/

2151/2255 SLP 141

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: NOV 23 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QUALITY CONTROL (15)
SA	0050	CLR	20			137	39	31	12	06		996	803	EP
SA	0153	CLR	20			133	38	31	01	03		995		EP
SA	0250	CLR	20			133	37	30	12	07		995		EP
SA	0353	CLR	20			135	38	30	10	04		995	603 36 RADAT 58082	JP
SA	0456	CLR	20			142	36	30	12	05		996		JP
SA	0552	CLR	20			150	43	30	02	08		999		JP
SA	0655	CLR	20			158	38	31	00	00		000	314	JP
SA	0757	CLR	20			~~164~~ 164	44	31	00	00		002		JP
SA	0852	CLR	20			164	50	31	02	10		003		JP
SA	0950	CLR	20			161	54	30	04	10		003	110 35	JP
SA	1058	CLR	20			161	56	29	03	09		003		JP
SA	1155	CLR	20			160	59	30	02	10		003		JP
SA	1257	CLR	20			156	60	28	36	05		002	803	JP
SA	1357	CLR	20			156	61	27	00	00		002	FEW CU CI	JP
SA	1450	CLR	20			160	61	26	33	07		003	FEW CU CI	JP
SA	1553	230 - BKN	20			161	59	22	05	09		003	10~~4~~ 1001 62 RADAT 59085	EP
SA	1651	230 - BKN	20			166	54	20	06	09		003	3	EP
SA	1752	CLR	20			~~185~~ 185	50	19	03	12		006		EP
SA	1852	CLR	20			188	47	18	04	10		008	317	EP
SA	1950	CLR	20			193	46	21	03	12		011		EP
SA	2051	CLR	20			198	49	21	05	10		014		EP
SA	2151	CLR	20			200	47	22	04	15		015	120 62	EP
SA	2254	CLR	20			208	47	22	05	16		017		EP
SA	2351	CLR	20			215	45	23	06	13		019		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$ 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: NOV 23 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.560			73	0														0	8	.010			00-01
01	53	26.550			76	0														0					01-02
02	50	26.550			76	0														0					02-03
03	53	26.550			73	0														0	6	.010			03-04
04	56	26.560			79	0														0					04-05
05	52	26.580			60	0														0					05-06
06	55	26.590			76	0														0	2	.040			06-07
07	57	26.610			60	0														0					07-08
08	52	26.620			48	0														0					08-09
09	50	26.620			40	0														0	1	.030			09-10
10	58	26.620			35	0														0					10-11
11	55	26.620			33	0														0					11-12
12	57	26.610			29	0														0	8	.010			12-13
13	57	26.610			27	0														0					13-14
14	50	26.620			26	0														0		.040			14-15
15	53	26.620			24	8	8	CI	230											0	1	.020			15-16
16	51	26.620			26	8														1					16-17
17	52	26.650			29	0														0					17-18
18	52	26.670			31	0														0	3	.050			18-19
19	50	26.690			37	0														0					19-20
20	51	26.720			33	0														0					20-21
21	51	26.730			37	0														0	1	.060			21-22
22	54	26.750			37	0														0					22-23
23	51	26.770			42	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0351	X	0	0	X	40	36	X	X						X		
	0351	1	0	0	0	44	36		0								
	0848	2	0	0	0	54	35		0								
	1549	3	0	0	0	62	54		0								
	2147	4	0	0	0	59	45		0								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0313	0950	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.620	26.620	26.730
BAROGRAPH 64	26.535	26.600	26.600	26.720
BAR. CORR. 65	+.015	+.020	+.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
62	35	0	0	0	23	NE	2208					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0629 SUNSET 1631

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: 1063P/2030/

~~0757~~

0757/0850 SCP164

1752/1752

1552/ATP 103/0400-38

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: NOV 24 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)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			214	46	23	06	14		019	114	EP
SA	0152	CLR	20			217	45	22	05	14		020		EP
SA	0251	CLR	20			218	44	22	04	14		020		EP
SA	0353	CLR	20			224	43	22	04	15		022	207 43	JP
SA	0457	CLR	20			226	42	22	04	14		022	RADAT 20096	JP
SA	0554	CLR	20			230	41	22	05	13		022		JP
SA	0653	CLR	20			239	41	22	06	11		024	307	JP
SA	0754	CLR	20			246	45	21	05	13		026		JP
SA	0853	CLR	20			239	47	22	04	14		025		JP
SA	0953	CLR	20			236	51	23	13	05		025	003 40	JP
SA	1055	CLR	20			231	54	23	31	06		024		JP
SA	1154	CLR	20			220	56	22	30	04		020		JP
SA	1256	CLR	20			204	58	20	18	05		016	827	JP
SA	1357	CLR	20			196	59	19	23	06		014		JP
SA	1450	CLR	20			190	58	21	20	03		012		JP
SA	1550	CLR	20			190	57	23	26	06		012	614 1001 59	EP
SA	1654	250-SCT	20			182	51	24	21	03		008		EP
SA	1753	250- SCT	20			190	46	26	36	06		009		EP
SA	1853	250- BKN	20			184	44	27	07	06		007	614 1001	EP
SA	1951	250- SCT	20			170	44	26	08	04		004		EP
SA	2050	CLR	20			162	42	24	02	05		002		EP
SA	2152	CLR	20			164	41	25	04	07		003	514 1001 59	EP
SA	2252	CLR	20			143	42	25	01	09		997		EP
SA	2352	CLR	20			115	41	23	13	13		990	PRESFR	EP

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

FM12-VII: 1IIii $i_R i_x$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: NOV 24 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.770			40	0															0	1	.040			00-01
01	52	26.780			40	0															0					01-02
02	51	26.780			41	0															0					02-03
03	53	26.790			43	0															0	2	.020			03-04
04	51	26.790			45	0															0					04-05
05	54	26.790			46	0															0					05-06
06	53	26.810			46	0															0	3	.020			06-07
07	54	26.830			38	0															0					07-08
08	53	26.830			37	0															0					08-09
09	53	26.830			33	0															0	0	.010			09-10
10	55	26.810			30	0															0					10-11
11	54	26.780			27	0															0					11-12
12	56	26.740			23	0															0	8	.080			12-13
13	57	26.720			21	0															0					13-14
14	50	26.700			24	0															0					14-15
15	50	26.700			27	0	0	CI	250												0	6	.040			15-16
16	54	26.670			35	5															0					16-17
17	53	26.680			45	2															0					17-18
18	53	26.660			51	7	7	CI	250												3	6	.040			18-19
19	51	26.630			49	1															0					19-20
20	50	26.610			49	0															0					20-21
21	52	26.620			53	0	0	CI	250												0	5	.040			21-22
22	52	26.570			51	0															0					22-23
23	52	26.500			49	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0351	X	0	0	X	46	43	X	X								
	0351	1	0	0	0	48	43		0								
	0952	2	0	0	0	51	40		0								
	1548	3	0	0	0	59	51		0								
	2149	4	0	0	0	57	40		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.820	26.700	26.620
BAROGRAPH 64	26.770	26.810	26.690	26.600
BAR. CORR. 65	+020	+010	+010	+020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
59	40	0	0	0	22	NE	0432					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0630 SUNSET 1631

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: 1074 PST 1933

2152/2333 MAX TEMP 59

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: NOV 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 (tens of degrees) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			118	42	23	36	13		991	537	EP
SA	0153	150 SCT E220 BKN	20			138	46	22	05	09		997	PRESRR	EP
SA	0253	M50 BKN 150 OVC	20			134	47	16	01	17		996		EP
SA	0354	M60 BKN 150 OVC	20			136	46	13	02	17	G25	997	119 157/ 40 RADAT 42071	HS
SA	0453	60 SCT 150 SCT	20			155	42	14	36	19	G32	001		HS
SA	0550	CLR	20			170	38	17	22	03		003	FEW SC AC	HS
SA	0652	60 SCT	20			174	38	19	30	05		004	122 1500	HS
SA	0751	CLR	20			176	41	20	34	12		005	SC NE-S	HS
SA	0850	130 SCT	20			175	44	19	34	14	G23	005	FEW SC	HS
SA	0952	60 SCT 130 SCT	20			182	47	19	26	06		007	310 1570 38	HS
SA	1050	60 SCT	20			173	49	17	36	14	G26	005		HS
SA	1150	60 SCT	20			159	52	15	36	21	G31	002		HS
SA	1250	CLR	20			159	52	14	01	18	G31	002	FEW SC 617 1500	HS
SA	1350	CLR	20			153	53	13	02	20	G28	001	FEW SC	HS
SA	1451	CLR	20			160	53	14	02	14	G21	003	FEW SC	HS
SA	1553	CLR	20			166	51	15	04	18	G25	004	307 1100 53 RADAT 37068	EP
SA	1650	CLR	20			181	48	16	03	16	G23	007		EP
SA	1753	CLR	20			196	46	16	05	14		011		EP
SA	1852	CLR	20			205	44	16	05	13		013	127	EP
SA	1954	CLR	20			204	43	17	04	17		013		EP
SA	2056	CLR	20			210	42	18	06	13		015		EP
SA	2153	CLR	20			212	41	17	09	11		016	310 53	EP
SA	2250	CLR	20			215	41	17	06	12		017		EP
SA	2350	CLR	20			214	39	17	07	10		017		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 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: NOV 25 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	52	26.510			47	0														0	5	.110			00-01
01	53	26.570			38	8														5					01-02
02	53	26.560			29	10														10					02-03
03	54	26.565			25	10	6	Sc	M60	4	Ac	150	10							10	1	.055			03-04
04	53	26.600			32	5														5					04-05
05	50	26.620			43	0														0					05-06
06	52	26.630			45	1	1	Sc	60											1	1	.065			06-07
07	51	26.640			42	0														0					07-08
08	50	26.640			37	1														1					08-09
09	52	26.660			33	2	1	Sc	60	1	Ac	130	2							2	3	.030			09-10
10	50	26.640			27	1														1					10-11
11	50	26.610			23	1														1					11-12
12	50	26.610			22	0	0	Sc	60											0	6	.050			12-13
13	50	26.600			21	0														0					13-14
14	51	26.620			22	0														0					14-15
15	53	26.630			24	0	0	CU	60											0	3	.020			15-16
16	50	26.660			28	0														0					16-17
17	53	26.690			30	0														0					17-18
18	52	26.710			32	0														0	1	.080			18-19
19	54	26.710			35	0														0					19-20
20	56	26.730			38	0														0					20-21
21	53	26.740			38	0														0	3	.030			21-22
22	50	26.750			38	0														0					22-23
23	50	26.750			41	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0352	X	0	0	X	48	40	X	X						X		
	0352	1	0	0	0	48	40		0								
	0950	2	0	0	0	47	38		0								
	1549	3	0	0	0	53	47		0								
	2150	4	0	0	0	51	41		0								
	MID.	X	0	0	0	42	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.660	26.630	26.740
BAROGRAPH 64	26.540	26.650	26.610	26.730
BAR. CORR. 65	+.025	+.010	+.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
53	38	0	0	0	34	N	1158					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0631 SUNSET 1630

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /1000 / 2030 /

X BAROGRAPH CHANGED RE-SET TO "0"

☆ 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: NOV 26 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) (9)	WIND SPEED (Knots) (10)	WIND GUSTS (Knots) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SOR. REMARKS (15)
SA	0050	CLR	20			210	40	16	06	11		016	000	EP
SA	0150	CLR	20			214	39	15	04	16		017		EP
SA	0250	CLR	20			218	39	15	05	13		018		EP
SA	0350	CLR	20			221	37	15	07	10		018	107 37 RADAT 42052	HS
SA	0450	CLR	20			225	38	15	06	15		019		HS
SA	0552	CLR	20			235	38	16	06	14		022		HS
SA	0650	CLR	20			239	38	16	09	16		023	214	HS
SA	0750	CLR	20			243	40	17	05	16		024		HS
SA	0850	CLR	20			241	43	17	04	15		024		HS
SA	0952	CLR	20			241	45	17	05	14		024	103 37	HS
SA	1053	CLR	20			233	48	18	06	10		023		HS
SA	1150	CLR	20			220	50	18	08	13		018		HS
SA	1250	CLR	20			212	50	18	13	09		016	824	HS
SA	1350	CLR	20			204	52	18	11	15		014		HS
SA	1450	CLR	20			200	52	18	10	12		013		HS
SA	1550	CLR	20			205	51	18	11	10		014	507 53 RADAT 434 071083/00	AO
SA	1650	CLR	20			209	49	18	11	08		015		AO
SA	1750	CLR	20			217	42	20	03	09		016		AO
SA	1850	CLR	20			221	41	21	03	11		017	210	AO
SA	1950	CLR	20			220	42	20	04	12		017		AO
SA	2050	CLR	20			217	43	20	04	15		017		AO
SA	2150	CLR	20			216	42	19	11	04		017	400 53	AO
SA	2250	CLR	20			224	39	20	10	10		019		AO
SA	2350	CLR	20			227	40	20	33	06		020		AO

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: NOV 26 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.740			38	0															0	0	.000			00-01
01	50	26.750			37	0															0					01-02
02	50	26.760			37	0															0					02-03
03	50	26.760			40	0															0	1	.020			03-04
04	50	26.770			39	0															0					04-05
05	52	26.790			40	0															0					05-06
06	50	26.800			40	0															0	2	.040			06-07
07	50	26.810			39	0															0					07-08
08	50	26.810			36	0															0					08-09
09	52	26.810			32	0															0	1	.010			09-10
10	53	26.795			30	0															0					10-11
11	50	26.760			28	0															0					11-12
12	50	26.740			28	0															0	8	.070			12-13
13	50	26.720			26	0															0					13-14
14	50	26.710			26	0															0					14-15
15	50	26.720			27	0															0	5	.020			15-16
16	50	26.736			29	0															0					16-17
17	50	26.740			41	0															0					17-18
18	50	26.750			45	0															0	2	.030			18-19
19	50	26.750			41	0															0					19-20
20	50	26.750			39	0															0					20-21
21	50	26.750			39	0															0	4	.000			21-22
22	50	26.770			46	0															0					22-23
23	50	26.780			44	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0348	X	0	0	X	40	37	X	X								
	0348	1	0	0	0	42	37		0								
	0950	2	0	0	0	46	37		0								
	1550	3	0	0	0	53	45		0								
	2150	4	0	0	0	51	41		0								
	MID.	X	0	0	0	43	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.810	26.720	26.750
BAROGRAPH 64	26.760	26.810	26.720	26.760
BAR. CORR. 65	±0	±0	-.040	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
53	37	0	0	0	22	NE	0728					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 0632 SUNSET 1630

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090 / 1700 /

1550/CORRECTED BAOAT 1900

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: NOV 27 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=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			223	40	20	02	07		019	007	AD
SA	0150	CLR	20			226	39	20	05	07		020		AD
SA	0250	CLR	20			226	39	20	04	12		020		AD
SA	0354	CLR	20			218	37	21	05	06		018	803 36	HS
SA	0457	CLR	20			221	37	20	06	12		018	RADAT 42L 067096/22	HS
SA	0553	CLR	20			226	37	20	04	13		018		HS
SA	0650	CLR	20			221	37	20	05	12		018	400	HS
SA	0758	CLR	20			223	41	20	05	07		018		HS
SA	0850	CLR	20			221	46	20	05	03		018	FEW CI	HS
SA	0958	CLR	20			219	48	20	14	09		018	FEW CI / 400 1001 36	HS
SA	1050	250-SCT	20			211	50	20	13	08		016		HS
SA	1150	250-SCT	20			196	51	19	13	12		012		HS
SA	1251	250-SCT	20			184	51	20	13	13		008	730 1001	HS
SA	1350	250-SCT	20			181	52	20	12	11		007		HS
SA	1452	250-SCT	20			170	53	20	14	14		005		Dlo
SA	1553	250-SCT	20			173	51	21	12	08		005	610 1001 53 RADAT	Dlo
													44L071089/20	
SA	1658	250-SCT	20			183	47	22	12	06		005		Dlo
SA	1757	CLR	20		175	~~165~~	44	22	12	08		004		Dlo
SA	1857	CLR	20			175	41	22	11	05		004	~~610~~ 03 1001	Dlo
SA	1957	250-SCT	20			180	38	23	09	04		005	Ac SW	Dlo
SA	2052	250 SCT	20			174	37	22	02	06		004		Dlo
SA	2152	250-SCT	20			168	38	22	18	04		003	803 1031 53 * Ac SW	Dlo
SA	2253	250-SCT	20			164	38	22	10	06		002		Dlo
SA	2350	250-SCT	20			163	36	22	11	04		002		AD

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV 27 1987

To convert LST to GMT ADD 0 hrs. SUBTRACT ..hrs.

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HRS.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.770			44	0															0	0	.020			00-01
01 50	26.780			46	0															0					01-02
02 50	26.780			46	0															0					02-03
03 54	26.760			52	0															0	8	.010			03-04 04-05
04 57	26.760			50	0															0					05-06
05 53	26.760			51	0															0					06-07
06 50	26.760			50	0															0	4	.000			07-08
07 58	26.760			42	0															0					08-09
08 50	26.760			38	0															0					09-10
09 58	26.760			33	0	0	Ci	250												0	4	.000			10-11
10 50	26.735			31	3															0					11-12
11 50	26.700			29	2															0					12-13
12 51	26.670			28	3	3	Ci	250												0	7	.090			13-14
13 50	26.660			28	3															0					14-15
14 52	26.640			27	3															1					15-16
15 53	26.640			30	3	3	Ci	250												1	6	.030			16-17
16 58	26.640			37	2															1					17-18
17 57	26.630			42	0															0					18-19
18 57	26.630			47	0	0	Ci	250												0	6	.010			19-20
19 57	26.640			54	2															1					20-21
20 52	26.630			54	1															1					21-22
21 52	26.620			52	5	0	Ac	120	5	Ci	250	6								2	8	.010			22-23
22 53	26.610			52	3															1					23-24
23 50	26.610			56	4															1					

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
41	42	43	44	45	46	47	48										
	MID TO 0352	X	0	0	X	43	36	X	X						X		
	0352	1	0	0	0	43	36		0								
	0956	2	0	0	0	48	36		0								
	1550	3	0	0	0	53	48		0								
	2150	4	0	0	0	57	36		0								
	MID.	X	0	0	0	38	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0957	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.760	26.640	26.660
BAROGRAPH 64	26.760	26.760	26.630	26.615
BAR. CORR. 65	±0	±0	+.010	+.045

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	36	0	0	0	21	56	1040					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 0633 SUNSET 1630

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 1 0900 1155 1

1757/ ~~H06~~ 165/175/1757

1857/APP 603/1100 12-3

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 NOV 28 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	250-SCT	20			152	35	22	36	06		999	814 1001	CCa
SA	0150	250 - SCT	20			150	33	23	05	06		997		AD
SA	0250	250-SCT	20			147	32	22	00	00		996		DCa
SA	0352	CLR	20			144	30	22	00	00		995	710 10013 0	
													RADAT 45L069091100	HS
SA	0451	CLR	20			143	30	22	08	03		994		HS
SA	0550	CLR	20			140	32	22	06	05		993		HS
SA	0651	CLR	20			142	30	22	05	05		993	607 1001	HS
SA	0752	250-SCT	20			141	39	24	23	03		994		HS
SA	0850	250-SCT	20			140	45	22	11	07		994		HS
SA	0952	250-SCT	20			134	48	22	09	05		993	000 1001 29	HS
SA	1050	250-SCT	20			121	49	22	17	03		990		HS
SA	1151	250-BKN	20			109	51	22	13	13		986		HS
SA	1251	250-BKN	20			103	51	22	19	07		984	727 1001	HS
SA	1350	250-SCT	20			096	52	22	17	08		982		HS
SA	1451	250-SCT	20			097	52	22	15	06		982		HS
SA	1554	250 SCT	20			097	51	22	17	05		982	607 1001 53	Da
													RADAT 53071	
SA	1652	250 SCT	20			103	47	22	15	05		983		CCa
SA	1750	CLR	20			110	43	23	10	07		984	FEW Ci SE	DCa
SA	1854	CLR	20			118	38	24	14	04		985	210	RCa
SA	1950	CLR	20			113	39	24	09	04		985		AD
SA	2050	CLR	20			115	36	24	03	04		986		RCa
SA	2150	CLR	20			118	33	24	07	04		987	307 1001 53	DCa
SA	2250	CLR	20			118	32	24	00	00		987	FEW Ci E-W	CCa
SA	2350	CLR	20			116	34	23	00	00		987	FEW Ci W	Da

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: NOV 28 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	52	26.580			59	2	2	Ci	250											1	8	.040			00-01
01	50	26.570			67	2														0					01-02
02	50	26.560			66	2														1					02-03
03	52	26.550			74	0	0	Ci	250											0	7	.030			03-04
04	51	26.540			71	0														0					04-05
05	50	26.530			65	0														0					05-06
06	51	26.530			71	0	0	Ci	250											0	6	.020			06-07
07	52	26.540			54	1														0					07-08
08	50	26.540			39	3														0					08-09
09	52	26.530			37	5	5	Ci	250											1	0	.000			09-10
10	50	26.500			35	5														1					10-11
11	51	26.470			32	6														1					11-12
12	51	26.450			32	7	7	Ci	250											1	7	.080			12-13
13	50	26.430			30	5														1					13-14
14	51	26.430			30	2														0					14-15
15	54	26.430			32	2	2	Ci	250											2	6	.020			15-16
16	52	26.440			37	1														1					16-17
17	50	26.450			45	0														0					17-18
18	54	26.460			57	0														0	2	.030			18-19
19	50	26.460			55	0														0					19-20
20	50	26.470			61	0														0					20-21
21	50	26.480			69	0	0	Ci	250											0	3	.020			21-22
22	51	26.480			72	0														0					22-23
23	50	26.480			64	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
43	42	43	44	45	46	47	48										
	MID. TO 0350	X	0	0	X	36	30	X	X						X		
	0350	1	0	0	0	38	30		0								
	0950	2	0	0	0	48	29		0								
	1550	3	0	0	0	53	48		0								
	2148	4	0	0	0	51	33		0								
	MID.	X	0	0	0	34	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.530	26.430	26.480
BAROGRAPH 64	26.540	26.525	26.435	26.465
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 TD (Ins.) 69	4PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	29	0	0	0	16	SE	1239					4	2		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0634 SUNSET 1629

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090O 1160S 1

WEATHER & OBSTRUCTIONS TO VISION

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

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: **NOV 29 1987**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			117	31	23	35	04		987	400	DC
SA	0155	CLR	20			124	32	23	11	05		990		DC
SA	0255	CLR	20			127	33	23	11	05		991		DC
SA	0357	80 SCT	20			134	33	23	08	03		993	215 1070 30	DC
													RADAT 53065	
SA	0454	CLR	20			137	30	22	12	05		993	AC SE	DC
SA	0554	CLR	20			154	29	22	13	03		996		DC
SA	0655	CLR	20			168	30	22	05	05		000	322	DC
SA	0757	CLR	20			171	35	22	23	03		002		DC
SA	0857	CLR	20			176	41	23	14	03		004		DC
SA	0956	CLR	20			172	49	21	05	10		004	112 28	DC
SA	1056	CLR	20			172	52	21	29	11		004	CU OMTNS SE	DC
SA	1155	CLR	20			166	52	22	20	10		003	CU OMTNS SE	DC
SA	1258	CLR	20			166	53	22	20	10		002	805 1101	DC
SA	1357	CLR	20			164	53	21	23	10		002	CU SE AC CI W	DC
SA	1456	CLR	20			165	53	19	21	07		002	FEW CI	DC
SA	1550	CLR	20			167	53	19	22	05		003	303 54 RADAT 49072	CH
SA	1650	CLR	20			181	48	21	00	00		005		CH
SA	1750	CLR	20			190	40	23	10	05		006		CH
SA	1850	CLR	20			194	39	23	10	06		007	214	CH
SA	1950	CLR	20			201	35	23	00	00		009		CH
SA	2050	CLR	20			206	34	23	00	00		012		CH
SA	2150	CLR	20			209	33	23	00	00		014	220 54	CH
SA	2250	CLR	20			211	33	23	00	00		015		CH
SA	2350	CLR	20			210	31	22	00	00		015		CH

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

FM12-VII: IIiii iR_ixhVV 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: NOV 29 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.480			72	0															0	4	.000			00-01
01 55	26.500			69	0															0					01-02
02 55	26.510			66	0															0					02-03
03 57	26.525			66	2	2	AC	80												2	2	.045			03-04
04 54	26.525			72	0															0					04-05
05 54	26.560			75	0															0					05-06
06 55	26.590			72	0															0	3	.065			06-07
07 57	26.610			59	0															0					07-08
08 57	26.625			49	0															0					08-09
09 56	26.625			33	0															0	1	.035			09-10
10 56	26.625			29	0															0					10-11
11 55	26.615			31	0															0					11-12
12 58	26.610			30	0	0	CU	80	0	CI	250	0								0	8	.015			12-13
13 57	26.605			28	0															0					13-14
14 56	26.610			26	0															0					14-15
15 50	26.620			26	0															0	3	.010			15-16
16 50	26.640			34	0															0					16-17
17 50	26.650			50	0															0					17-18
18 50	26.660			52	0															0	2	.040			18-19
19 50	26.680			61	0															0					19-20
20 50	26.700			64	0															0					20-21
21 50	26.720			66	0															0	2	.060			21-22
22 50	26.730			66	0															0					22-23
23 50	26.725			69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
41	42	43	44	45	46	47	48										
	MID. TO 0350	X	0	0	X	35	30	X	X								
	0350	1	0	0	0	35	30		0								
	0949	2	0	0	0	49	28		0								
	1548	3	0	0	0	54	49		0								
	2148	4	0	0	0	53	32		0								
	MID.	X	0	0	0	35	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.625	26.620	26.720
BAROGRAPH 64	26.500	26.600	26.610	26.710
BAR. CORR. 65	+.025	+.025	+.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	4 PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	28	0	0	0	17	SW	1246					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0635 SUNSET 1629

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 1115P/1948 /

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: NOV. 30, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-360) (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			204	31	22	12	05		013	803	CH
SA	0150	CLR	20			205	34	21	00	00		014		CH
SA	0250	CLR	20			212	30	22	02	05		015		CH
SA	0357	CLR	20			210	31	21	08	04		015	005 29 RADAT 40L 034084	DC
SA	0458	CLR	20			211	29	20	10	04		014		DC
SA	0552	250 - BKN	20			219	29	22	30	05		015		DC
SA	0655	140 SCT 250 SCT	20			229	30	21	11	05		017	308 1078	DC
SA	0757	250-BKN	20			226	36	21	00	00		017		DC
SA	0858	250-OVC	20			226	42	24	00	00		018		DC
SA	0956	E250 OVC	20			227	44	22	12	04		018	303 1002 28	DC
SA	1055	E250 OVC	20			216	50	22	30	04		016		DC
SA	1156	E250 OVC	20			205	53	21	07	04		013		DC
SA	1253	E250 OVC	20			196	53	20	27	06		011	724 1007	DC
SA	1357	160 SCT E250 OVC	20			191	52	24	22	09		009	AC SC SE	DC
SA	1452	E160 OVC	20			194	51	23	23	06		009		DC
SA	1550	E150 OVC	20			197	49	23	23	05		010	502 1021 55 RADAT 40082	CH
SA	1650	E150 OVC	20			202	46	24	00	00		011		CH
SA	1750	150 SCT E250 OVC	20			205	41	27	00	00		011		CH
SA	1850	E220 OVC	20			210	38	26	04	05		012	205 1007	CH
SA	1950	E220 BKN	20			210	37	25	00	00		013		CH
SA	2050	220-SCT	20			212	36	24	35	06		014		CH
SA	2150	CLR	20			211	35	24	32	05		014	107 55	CH
SA	2250	CLR	20			208	34	24	32	05		014		CH
SA	2350	220-SCT	20			199	33	24	00	00		012		CH

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

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

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

☆ U.S.GPO: 1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: NOV. 30, 1987

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL O. PAQUET SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.710			69	0															0	8	.010			00-01
01 50	26.720			59	0															0					01-02
02 50	26.730			72	0															0					02-03
03 57	26.725			66	0															0	0	.015			03-04
04 58	26.720			69	0															0					04-05
05 52	26.725			75	6															0					05-06
06 55	26.750			69	1	1	AC	140	0	CS	250	1								1	3	.025			06-07
07 57	26.750			54	9															3					07-08
08 58	26.755			49	10															5					08-09
09 56	26.760			41	10	10	CI	E250												8	3	.010			09-10
10 55	26.740			33	10															8					10-11
11 56	26.710			28	10															9					11-12
12 53	26.690			27	10	10	CS	E250												9	7	.070			12-13
13 57	26.680			33	10															8					13-14
14 52	26.680			33	10															10					14-15
15 50	26.685			36	10	10	AS	E150												10	5	.005			15-16
16 50	26.690			42	10															10					16-17
17 50	26.690			57	10															8					17-18
18 50	26.700			62	10	10	CS	E220												7	2	.015			18-19
19 50	26.710			62	8															5					19-20
20 50	26.720			61	4															1					20-21
21 50	26.720			64	0															0	1	.020			21-22
22 50	26.720			67	0															0					22-23
23 50	26.700			69	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0350		0	0		35	29										
	0350	1	0	0	0	35	29		0								
	0950	2	0	0	0	44	28		0								
	1548	3	0	0	0	55	44		0								
	2148	4	0	0	0	49	35		0								
	MID.		0	0	0	36	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.725	26.760	26.685	26.720
BAROGRAPH 64	26.715	26.760	26.680	26.700
BAR. CORR. 65	+.010	0	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
55	28	0	0	0	11	SW	1347					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0636 SUNSET 1629

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: / 1000P / 1600P /

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

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