WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, Nevada

MONTH: October | YEAR: 1985

LATITUDE: 36° 39' N | LONGITUDE: 116° 01' W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 4 AM	WIND AVERAGE SPEED Knots	Peak SPEED Knots	DIRECTION	Ave. Stn. Press	* PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12		14	15	16	17	18	19	20
1	82	56	69		0	4	T	0	0	5.5	26	NW	26.57	87	2	T, RW-	61	38	26	46
2	85	54	70		0	5	0	0	0	5.9	19	NE	26.62	94	3		29	16	15	26
3	89	59	74		0	9	0	0	0	5.9	17	NE	26.71	100	0		29	22	18	31
4	89	62	76		0	11	0	0	0	8.3	18	NE	26.76	68	6		29	23	16	26
5	90	55	73		0	8	0	0	0	4.7	13	SW	26.69	92	2		41	20	15	30
6	86	63	75		0	10	0	0	0	14.0	39	S	26.41	71	3		30	34	25	36
7	77	56	67		0	2	0	0	0	10.3	27	NE	26.31	91	1		53	44	31	41
8	60	48	54		11	0	0.31	0	0	8.6	24	E	26.29	22	9	T, R	61	74	74	66
9	63	50	57		8	0	0.02	0	0	9.6	23	NE	26.44	20	7	RW-	59	49	62	63
10	67	47	57		8	0	0.04	0	0	6.5	16	NE	26.57	35	7	RW-	74	47	37	77
11	72	44	58		7	0	0	0	0	4.9	17	SW	26.60	100	0		80	40	24	59
12	72	44	58		7	0	0	0	0	4.5	22	SW	26.57	83	4		79	37	22	43
13	67	50	59		6	0	0	0	0	11.0	22	NE	26.65	65	6		50	31	21	27
14	70	46	58		7	0	0	0	0	10.9	21	NE	26.76	100	0		31	14	8	16
15	75	48	62		3	0	0	0	0	9.3	20	E	26.70	100	0		24	9	7	16
16	77	49	62		3	0	0	0	0	5.5	15	SE	26.54	100	0		18	14	13	31
17	79	43	61		4	0	0	0	0	7.9	14	SW	26.54	100	0		42	14	10	21
18	77	46	62		3	0	0	0	0	5.6	16	SE	26.68	100	0		33	39	23	42
19	79	46	63		2	0	0	0	0	4.4	15	SW	26.69	100	0		60	31	20	49
20	79	48	64		1	0	0	0	0	8.3	28	S	26.53	37	10		61	31	17	23
21	71	48	60		5	0	0	0	0	17.8	41	SW	26.38	23	9		33	19	40	52
22	64	40	52		13	0	0	0	0	5.0	14	NE	26.60	49	9		50	25	18	31
23	73	39	56		9	0	0	0	0	3.0	12	SW	26.66	100	0		36	15	9	26
24	82	47	65		0	0	0	0	0	3.9	11	S	26.67	100	0		37	16	17	40
25	79	46	63		2	0	0	0	0	4.2	13	SW	26.60	99	1		48	23	18	40
26	81	45	63		2	0	0	0	0	4.2	16	NE	26.58	100	0		49	21	15	37
27	81	51	66		0	1	0	0	0	4.8	16	S	26.59	100	0		38	21	15	34
28	78	50	64		1	0	0	0	0	3.3	11	SE	26.57	34	9		43	27	18	43
29	77	49	63		2	0	0	0	0	4.2	15	W	26.61	98	1		45	24	18	38
30	76	43	60		5	0	0	0	0	5.1	20	SW	26.48	68	8		42	22	13	21
31	69	51	60		5	0	0	0	0	10.8	29	N	26.46	100	1		23	14	9	20
SUM	2366	1521	—	—	114	50	0.37	0	—	217.9	—	—	823.83	—	98	—	1388	854	674	1151
AVG	76.3	49.1	—	—	—	—	—	—	—	7.0	FASTEST	DIRECTION		%		—	45	28	22	37
										MISC. →	41	SW	26.58	76	3.2	—				

TEMPERATURE DATA

AVERAGE MONTHLY 62.7
DEPARTURE FROM NORMAL -1.1
HIGHEST 90 ON 5
LOWEST 39 ON 23

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 1
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 114
DEPARTURE FROM NORMAL -7
SEASONAL TOTAL 128
DEPARTURE FROM NORMAL -8

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 50
DEPARTURE FROM NORMAL -38
SEASONAL TOTAL 2101
DEPARTURE FROM NORMAL -52

*Estimated

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.37 IN.
DEPARTURE FROM NORMAL – IN.
GREATEST IN 24 HRS. 0.31 ON 8

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST IN 24 HRS. ___ ON ___
GREATEST DEPTH ON GROUND ___ ON ___

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 20
PARTLY CLOUDY (Scale 4–7) 5
CLOUDY (Scale 8–10) 6
WITH 0.01 INCH OR MORE PRECIP. 3
WITH 0.10 INCH OR MORE PRECIP. 1
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.820 IN. ON 4
LOWEST 26.240 IN. ON 7,8

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, NV

DATE: 1985 OCT 0 1

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0052	80 SCT	20			127	64	45	31	07		001	CB S DSIPTD / 315 1400	WRG
SA	0152	80 SCT 140 SCT	20			128	61	44	30	05		001		WRG
SA	0250	140 SCT 250 - BKN	20			129	61	45	24	06		001		WRG
SA	0354	250 - SCT	20			130	59	46	15	05		001	400 1001 58 RADAT 55116	CRD
SA	0450	CLR	20			132	58	45	11	07		001		CRD
SA	0551	CLR	20			135	58	44	05	06		001	FEW Ci SE	CRD
SA	0650	CLR	20			138	61	45	29	03		002	303 1001	CRD
SA	0753	CLR	20			140	67	46	12	05		003	FEW Cu Ac SE	CRD
SA	0850	CLR	20			140	70	44	04	09		003	FEW Cu Ac SE	CRD
SA	0956	CLR	20			134	73	46	14	03		002	000 1170 56	CRD
SA	1053	CLR	20			125	76	45	07	05		999	CU BLDG N E SE NW	CRD
SA	1152	CLR	20			117	77	46	20	03		999	CB NW TCU E-SE	CRD
SA	1253	70 SCT	20			108	79	39	02	07		995	CB NW-N MOVG SW TCU	CRD
													E-SE */720 1900 *RWU NW	
SP	1314	70 SCT	20		T				04	09		995	TB11 NW MOVG SW RWU NW	CRD
													TCU N-SE	
RS	1350	70 SCT	20			109	80	43	30	15G25		995	TB11E48 MOVD SW CB N MOVG	CRD
													SW TCU SE RWU SW	
SA	1450	70 SCT 250 SCT	20		RW-	103	81	43	36	12		993	CB OVHD MOVG SE TCU ALQDS	CRD
													RB42	
SA	1552	70 SCT 250 - BKN	20			101	78	41	20	06		992	RE01 CB NE-SE MOVG S	
													RWU SE/ 71000 1901 82	
													RADAT 70115	WRG
SA	1652	70 SCT 250 - BKN	20			103	77	42	00	00		992	CB DSIPTD	WRG
SA	1752	70 SCT 250 - OVC	20			104	73	41	12	06		992		WRG
SA	1852	70 SCT 250 - BKN	20			109	68	41	12	07		993	303 1201	WRG
SA	1952	250 - SCT	20			117	63	42	11	08		996	FEW SC NW	WRG
SA	2050	250 - SCT	20			120	64	40	00	00		997		WRG
SA	2152	CLR	20			120	61	40	03	03		997	112 1005 82	WRG
SA	2252	CLR	20			123	60	41	06	03		998		WRG
SA	2352	250 - SCT	20			123	57	40	00	00		998		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/8085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 01

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.600	64.3	53.2	49	3	3	SC	80												3	3	.045			00-01
01 52	26.600	61.1	51.7	54	4															3					01-02
02 50	26.600	61.2	51.9	54	6															3					02-03
03 54	26.600	58.8	51.4	62	3	3	CI	250												1	4	.000			03-04
04 50	26.600	58.3	51.0	62	0															0					04-05
05 51	26.600	57.8	50.3	60	0															0					05-06
06 50	26.610	61.3	52.3	56	0	0	CI	250												0	3	.010			06-07
07 53	26.620	66.8	55.0	48	0															0					07-08
08 50	26.620	70.3	55.2	38	0															0					08-09
09 56	26.610	72.8	57.0	38	0	0	CU	70	0	AC	140	0								0	0	.000			09-10
10 53	26.590	75.5	57.8	34	0															0					10-11
11 52	26.570	77.4	58.8	33	0															0					11-12
12 53	26.550	79.3	56.8	24	1	1	CB	70												1	7	.060			12-13
13 50	26.545	79.7	58.5	28	3															3					13-14
14 50	26.530	81.0	58.8	26	5															5					14-15
15 52	26.520	78.3	57.2	27	8	2	CB	70	6	CI	250	8								4	7	.030			15-16
16 52	26.520	76.7	56.8	29	7															3					16-17
17 52	26.520	72.8	54.9	31	10															4					17-18
18 52	26.530	68.0	53.0	37	8	2	CU	70	6	CI	250	8								3	3	.010			18-19
19 52	26.555	68.1	53.6	39	5															2					19-20
20 50	26.565	64.2	51.0	40	2															0					20-21
21 52	26.565	61.3	50.1	46	0	0	CI	250												0	1	.035			21-22
22 52	26.575	60.0	49.8	49	0															0					22-23
23 52	26.575	57.2	48.2	53	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	67	58	X	X						X		
	0350	1	0	0	0	68	58		0								
	0950	2	0	0	0	74	56		0								
	1548	3	T	0	0	82	72		0								
	2148	4	0	0	0	78	60		0								
	MID.	X	0	0	0	61	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.610	26.520	26.565
BAROGRAPH 64	26.570	26.610	26.525	26.565
BAR. CORR. 65	+.030	0*	-.005	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	56	T	0	0	26	NW	1333					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1311	1318			
RW-	1442	1501			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0905P ✓L Sec./ 2320 ✓Z Sec./ ± Sec.

SP=

RS=

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 02

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	250 - SCT	20			126	56	41	00	00		999	207 1001	WRG
SA	0152	250 - BKN	20			126	56	39	00	00		999		WRG
SA	0250	CLR	20			125	55	38	10	06		999		WRG
SA	0354	CLR	20			126	62	30	02	06		999	302 54 RADAT 43122	CRD
SA	0451	CLR	20			134	57	32	29	03		001		CRD
SA	0553	250 - SCT	20			141	58	30	12	04		003		CRD
SA	0655	250 - SCT	20			148	63	35	31	03		005	215 1005	CRD
SA	0751	250 - SCT	20			149	70	25	04	08		006		CRD
SA	0850	250 - SCT	20			149	73	25	05	12		005		CRD
SA	0954	250 - SCT	20			151	76	26	05	14		006	205 1005 54	CRD
SA	1054	250 - SCT	20			147	79	22	04	12		005		CRD
SA	1150	250 - SCT	20			143	81	23	36	06		004		CRD
SA	1250	250 - SCT	20			134	82	22	04	08		002	714 1005	CRD
SA	1353	250 - SCT	20			128	83	25	35	05		999		CRD
SA	1450	250 - SCT	20			129	84	27	05	07		999		CRD
SA	1552	250 - BKN	20			122	84	33	32	08		999	708 1008 85 RADAT 63127	WRG
SA	1652	250 - BKN	20			124	82	39	35	06		999		WRG
SA	1752	250 - BKN	20			134	75	38	05	06		001		WRG
SA	1852	250 - BKN	20			142	70	35	03	03		003	312 1008	WRG
SA	1952	250 - SCT	20			146	68	35	00	00		005		WRG
SA	2050	250 - SCT	20			151	67	34	03	06		006		WRG
SA	2152	CLR	20			153	66	32	03	06		007	214 1005 85	WRG
SA	2252	250 - SCT	20			155	65	32	36	07		008		WRG
SA	2352	CLR	20			158	65	30	35	06		009		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 0 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.585	56.2	48.0	56	5	5	CI	250												2	2	.020			00-01
0152	26.585	56.3	47.1	51	6															3					01-02
0250	26.585	54.7	46.4	54	0															0					02-03
0351	26.590	61.8	46.5	29	0															0	3	.005			03-04
0451	26.600	56.5	45.0	40	0															0					04-05
0553	26.615	58.1	45.0	35	2															0					05-06
0652	26.635	62.8	48.6	35	4	4	CS	250												0	2	.045			06-07
0751	26.645	70.2	48.9	18	1															0					07-08
0850	26.640	73.1	50.3	17	3															0					08-09
0954	26.650	76.0	51.8	16	2	2	CS	250												0	2	.015			09-10
1054	26.640	78.8	51.8	12	1															0					10-11
1150	26.630	81.2	53.6	13	1															0					11-12
1250	26.610	81.5	53.0	11	1	1	CS	250												0	7	.010			12-13
1353	26.590	83.1	54.3	12	2															0					13-14
1450	26.590	83.7	55.0	13	2															0					14-15
1552	26.595	84.2	56.6	16	8	8	CS	250												3	7	.025			15-16
1652	26.585	82.3	58.0	22	9															4					16-17
1752	26.600	75.0	54.9	27	8															3					17-18
1852	26.620	69.8	51.8	28	8	8	CS	250												3	3	.035			18-19
1952	26.640	67.8	50.9	30	5															2					19-20
2050	26.650	64.3	49.1	33	2															1					20-21
2152	26.660	67.7	49.9	27	0	0	CS	250												0	2	.040			21-22
2252	26.670	67.4	49.8	27	1															0					22-23
2352	26.680	65.0	48.2	27	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	62	54	X	X						X		
	0349	1	0	0	0	62	54		0								
	0948	2	0	0	0	77	55		0								
	1548	3	0	0	0	85	76		0								
	2148	4	0	0	0	84	63		0								
	MID.	X	0	0	0	69	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.585	26.660
BAROGRAPH 64	26.590	26.655	26.595	26.660
BAR. CORR. 65	0	-.005	-.010	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	54	0	0	0	19	NE	0925					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0855P @2 Sec./ 2046 @2 Sec./ ± Sec.

2252/67/0800 - 7

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 03

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			163	61	30	33	04		011	210 1001	WRG
SA	0152	CLR	20			158	68	32	07	03		011		WRG
SA	0250	CLR	20			161	63	32	20	04		011		WRG
SA	0352	CLR	20			161	69	35	07	03		012	303 59 RHDAT20144	SH
SA	0453	CLR	20			176	61	33	01	07		015		SH
SA	0554	CLR	20			185	63	35	03	14		016		SH
SA	0650	CLR	20			193	67	36	05	09		018	220	SH
SA	0750	CLR	20			196	72	36	01	10		019		SH
SA	0853	CLR	20			194	75	39	03	12		019		SH
SA	0954	CLR	20			188	78	37	03	08		018	000 59	SH
SA	1050	CLR	20			181	82	37	35	02		017		SH
SA	1152	CLR	20			174	84	39	03	09		015		SH
SA	1252	CLR	20			165	86	40	07	03		012	720	SH
SA	1352	CLR	20			154	87	40	26	05		010		SH
SA	1450	CLR	20			151	87	41	02	05		008		SH
SA	1554	CLR	20			145	87	39	22	07		008	614 89 RADAT 31140	DC
SA	1657	CLR	20			150	85	38	26	05		008		DC
SA	1756	CLR	20			158	76	37	01	04		009		DC
SA	1856	CLR	20			164	71	38	05	05		011	308	DC
SA	1954	CLR	20			169	68	38	07	05		012		DC
SA	2055	CLR	20			171	66	38	06	06		013		DC
SA	2153	CLR	20			170	68	36	04	07		014	210 89	DC
SA	2254	CLR	20			175	66	36	00	00		015		DC
SA	2356	CLR	20			172	64	35	10	04		014		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 03

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.690	61.4	46.5	31	0	0	CI	250												0	2	.030			00-01
01 52	26.690	68.2	49.9	26	0															0					01-02
02 50	26.690	63.4	47.8	30	0															0					02-03
03 52	26.700	69.0	51.5	29	0															0	3	.010			03-04
04 53	26.725	60.6	47.2	36	0															0					04-05
05 54	26.740	62.6	48.7	36	0															0					05-06
06 50	26.760	67.0	51.0	32	0															0	2	.060			06-07
07 50	26.770	72.0	53.1	27	0															0					07-08
08 53	26.765	74.7	55.0	27	0															0					08-09
09 54	26.760	77.8	55.5	23	0															0	0	.000			09-10
10 50	26.745	81.7	57.0	20	0															0					10-11
11 52	26.725	83.6	58.4	21	0															0					11-12
12 52	26.700	86.3	59.7	20	0															0	7	.060			12-13
13 52	26.680	87.2	60.0	19	0															0					13-14
14 50	26.670	87.0	60.2	20	0															0					14-15
15 54	26.660	87.3	59.7	18	0															0	6	.040			15-16
16 57	26.660	85.0	58.5	19	0															0					16-17
17 56	26.670	75.5	54.7	24	0															0					17-18
18 56	26.685	70.7	53.1	30	0															0	3	.025			18-19
19 54	26.700	68.0	52.0	33	0															0					19-20
20 55	26.705	65.6	51.0	36	0															0					20-21
21 53	26.715	67.7	51.3	31	0															0	2	.030			21-22
22 54	26.725	66.2	50.5	33	0															0					22-23
23 56	26.720	63.6	49.0	34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	69	59	X	X						X		
	0348	1	0	0	0	69	59		0								
	0949	2	0	0	0	78	60		0								
	1548	3	0	0	0	89	78		0								
	2146	4	0	0	0	88	64		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.760	26.660	26.715
BAROGRAPH 64	26.695	26.760	26.670	26.720
BAR. CORR. 65	+.005	±0	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	59	0	0	0	17	NE	0858					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0600P @ ± Sec. / 2100P @ ± Sec. / ± Sec.

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 04

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0057	CLR	20			167	69	35	07	06		014	002	DC
SA	0152	CLR	20			170	72	34	08	14		015		DC
SA	0251	CLR	20			170	68	35	05	12		015	CI S	DC
SA	0355	CLR	20			179	69	36	06	12		017	210 1001 62	SH
	—		—			—						—	RADAT 24140	—
SA	0453	CLR	20			189	67	39	07	09		019	25 SE	SH
SA	0552	250 - SCT	20			203	65	38	07	06		022		SH
SA	0654	250 - SCT	20			211	70	37	05	08		024	220 1001	SH
SA	0750	250 SCT	20			215	72	38	04	12		025		SH
SA	0851	250 SCT	20			214	76	41	04	11		025		SH
SA	0954	E 250 BKN	20			211	79	39	05	12		025	103 1002 62	SH
SA	1050	250 - BKN	20			204	83	39	01	10		024		SH
SA	1152	250 - BKN	20			199	84	42	03	09		022		SH
SA	1252	250 SCT	20			180	85	38	04	10		017	824 1002	SH
SA	1352	250 - BKN	20			174	87	37	13	09		016		SH
SA	1449	250 - BKN	20			171	87	37	12	09		015		SH
SA	1557	250 - OVC	20			168	86	35	11	09		014	710 1002 89	DC
													RADAT 40135	
SA	1656	250 - OVC	20			174	83	35	14	09		015		DC
SA	1755	E 250 OVC	20			180	76	35	10	07		015		DC
SA	1856	E 250 BKN	20			176	77	34	12	10		015	103 1002	DC
SA	1956	250 - BKN	20			181	72	35	00	00		016		DC
SA	2054	250 - BKN	20			185	70	33	16	08		017		DC
SA	2156	E 250 OVC	20			186	70	34	19	04		018	210 1002 89	DC
SA	2253	E 250 BKN	20			190	65	35	00	00		019		DC
SA	2353	250 - SCT	20			190	64	34	07	04		019		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1985 OCT 04

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.720	68.8	51.2	29	0															0	0	.005			00-01
01 52	26.730	72.0	52.3	25	0															0					01-02
02 51	26.725	68.0	50.9	30	0															0					02-03
03 55	26.750	69.3	51.8	29	0	0	CI	250												0	2	.030			03-04
04 53	26.770	66.6	51.6	36	0															0					04-05
05 52	26.790	65.0	50.8	37	2															1					05-06
06 54	26.810	69.6	52.4	31	3	3	CI	250												1	2	.060			06-07
07 50	26.820	72.2	53.7	29	3															2					07-08
08 51	26.820	75.6	56.0	29	4															3					08-09
09 54	26.820	79.0	56.7	24	6	6	CI	E250												4	1	.010			09-10
10 50	26.805	83.1	58.1	21	8															4					10-11
11 52	26.790	84.3	59.6	22	8															4					11-12
12 52	26.750	85.2	58.6	19	5	5	CI	250												3	8	.070			12-13
13 52	26.740	87.4	59.0	17	7															3					13-14
14 49	26.730	87.3	59.1	17	7															3					14-15
15 57	26.720	86.2	58.2	16	10	10	CI	250												5	7	.030			15-16
16 56	26.725	83.3	57.0	18	10															5					16-17
17 55	26.730	76.0	54.2	23	10															6					17-18
18 56	26.730	76.5	54.1	21	9	9	CI	E250												5	1	.010			18-19
19 56	26.740	71.7	52.5	26	9															4					19-20
20 54	26.750	70.2	51.3	25	9															4					20-21
21 56	26.760	70.0	51.5	27	10	10	CI	E250												6	2	.030			21-22
22 53	26.765	65.3	49.7	33	9															5					22-23
23 53	26.765	63.7	48.7	33	4															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	72	62	X	X						X		
	0350	1	0	0	0	72	62		0								
	0950	2	0	0	0	79	63		0								
	1549	3	0	0	0	89	78		0								
	2148	4	0	0	0	87	67		0								
	MID.	X	0	0	0	70	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.810	26.720	26.760
BAROGRAPH 64	26.755	26.825	26.740	26.775
BAR. CORR. 65	-.005	-.005	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	62	0	0	0	18	NE	0337*					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0645P @2Sec./ 1910P @2Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 0 5

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0056	250 SCT	20			190	63	34	02	04		019	102 1002	DC
SA	0154	250 - SCT	20			187	60	34	04	05		018		DC
SA	0249	CLR	20			189	58	34	00	00		018	FEW CI	DC
SA	0355	CLR	20			188	59	36	00	00		018	602 1001 56	SH
	—		—			—						—	RADAT 22138	—
SA	0457	CLR	20			195	58	35	19	06		019	CIS	SH
SA	0552	180 SCT	20			202	56	35	05	03		020		SH
SA	0651	180 SCT	20			205	59	35	08	05		022	310 1030	SH
SA	0750	180 SCT	20			204	66	33	21	03		022		SH
SA	0852	CLR	20			196	75	37	03	04		020	FEW CI	SH
SA	0953	CLR	20			190	80	36	31	04		019	807 1081 55	SH
SA	1050	CLR	20			182	83	37	26	05		017	FEW AC CI	SH
SA	1151	CLR	20			170	87	42	23	07		014	FEW AC	SH
SA	1255	CLR	20			159	88	38	23	09		011	CC S / 727 1009	SH
SA	1353	CLR	20			149	89	38	24	10		007	FEW AC CI	SH
SA	1448	CLR	20			143	88	35	24	08		005	FEW AC CI	SH
SA	1557	CLR	20			130	88	35	25	04		002	FEW AC CI / 727 1072	DC
													90 RADAT 33141	
SA	1654	CLR	20			129	85	34	25	05		001	FEW AC CI	DC
SA	1756	250 SCT	20			135	76	33	30	04		001		DC
SA	1856	250 SCT	20			135	73	34	11	06		001	603 1002	DC
SA	1956	250 SCT	20			131	72	34	08	05		001		DC
SA	2050	CLR	20			126	72	33	10	06		001	FEW CI	DC
SA	2154	250 SCT	20			123	67	34	06	06		000	803 1002 90	DC
SA	2254	E 250 BKN	20			119	67	33	04	03		999		DC
SA	2355	E 160 OVC	20			111	66	35	00	00		998		DC

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

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

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

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

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 05

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.765	62.8	48.3	34	1	1	CI	250												1	1	.005			00-01
01 54	26.760	59.7	47.0	38	1															0					01-02
02 49	26.760	57.9	46.1	40	0															0					02-03
03 55	26.760	59.4	47.5	41	0	0	CI	250												0	6	.005			03-04
04 57	26.770	57.8	46.4	42	0															0					04-05
05 52	26.775	55.6	45.4	45	2															2					05-06
06 51	26.790	59.1	47.0	40	5	5	AC	180												5	3	.030			06-07
07 50	26.790	66.4	49.5	28	3															3					07-08
08 52	26.780	75.3	54.6	25	0															0					08-09
09 53	26.770	80.1	56.2	21	0	0	AC	160	0	CI	250	0								0	8	.020			09-10
10 50	26.745	82.6	57.2	19	0															0					10-11
11 51	26.720	87.0	60.6	21	0															0					11-12
12 55	26.690	88.2	59.6	17	0	0	CC	250												0	7	.080			12-13
13 53	26.660	88.5	59.8	17	0															0					13-14
14 48	26.640	88.4	58.8	15	0															0					14-15
15 57	26.610	87.8	58.5	15	0	0	AC	150	0	CI	250	0								0	7	.080			15-16
16 54	26.600	85.2	57.5	16	0															0					16-17
17 56	26.600	75.5	53.4	21	1															1					17-18
18 56	26.600	73.2	52.6	24	2	2	CI	250												2	6	.010			18-19
19 56	26.600	71.6	52.0	25	1															1					19-20
20 50	26.600	71.6	51.8	24	0															0					20-21
21 54	26.590	66.5	50.0	29	5	5	CI	250												3	8	.010			21-22
22 54	26.580	66.8	49.8	28	9															6					22-23
23 55	26.570	65.5	50.0	32	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	64	56	X	X						X		
	0350	1	0	0	0	70	56		0								
	0949	2	0	0	0	80	55		0								
	1550	3	0	0	0	90	80		0								
	2148	4	0	0	0	88	65		0								
	MID.	X	0	0	0	70	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0957	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.770	26.610	26.590
BAROGRAPH 64	26.770	26.780	26.620	26.595
BAR. CORR. 65	-.010	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	55	0	0	0	13	SW	1410					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

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

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

TIME CHECK - CLOCK AT: 0737P @ 2 Sec./ 2035P @ 2 Sec./ ± Sec.

* BAROGRAM CHANGED AND RESET TO ZERO COR. 0958P

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6089

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 06

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (18)
SA	0057	E140 OVC	20			101	76	35	21	07		996	812 101/	DC
SA	0155	E140 OVC	20			096	77	35	19	16	G25	995		DC
SA	0255	E140 OVC	20			095	77	44	23	13	G22	994	B1NOVC NW	DC
SA	0358	E130 BKN 220 BKN	20			087	75	42	31	06		993	812 1072 G~~2~~ RADAT 53138	SEA
SA	0454	130 SCT E220 BKN	20			093	67	42	04	05		993	FEW CU	SEA
SA	0558	90 SCT 130 SCT E220 BKN	20			100	65	43	11	04		993		SEA
SA	0656	90 SCT 140 SCT E220 BKN	20			098	70	43	04	03		993	BLDG CU S/ *1279 *400	SEA
SA	0753	90 SCT 140 SCT 220 SCT	20			090	76	46	19	12	G17	991	TCU E S	SEA
SA	0854	90 SCT 140 SCT 170 SCT 220 SCT	20			077	81	50	23	18	G25	988	TCU E SE MULTILYRD ACSC S	SEA
SA	0955	140 SCT 170 SCT 220 SCT	20			072	82	51	19	20	G27	986	TCU OMTNS SE ACSL E	
/	/											/	S-SW PK WND 1939/17/720	/
/	/											/	1249 684	/
SA	1054	140 SCT 170 SCT 220 SCT	20			065	83	50	20	23	G34	984	ACSC NE FEW CU	SEA
SA	1153	90 SCT 150 SCT 220 SCT	20			054	82	49	21	21	G34	981	TCU N	SEA
SA	1254	90 SCT 150 SCT 250 SCT	20			033	84	48	19	19	G32	976	TCU NW-N/ 830 1272	SEA
SA	1355	90 SCT 250 SCT	20			019	86	44	22	21	G31	973	MDT CU ACQDS	SEA
SA	1452	90 SCT 170 SCT 250 SCT	20			007	85	39	20	18	G27	969	ACSL W-NW	SEA
SA	1553	80 SCT 150 SCT 250 SCT	20			008	~~86~~	42	20	23	G34	967	ACSL W 627 1242 86	008
													RADAT 30125	/
SA	1651	80 SCT 150 SCT 250 SCT	20			010	80	41	21	20	G31	967	VIRGA SE PK WND 2136/01	008
SA	1755	80 SCT E150 BKN 250 BKN	20			~~012~~ ~~016~~	~~75~~ ~~76~~	~~42~~ ~~44~~	22	17	G28	967		008
SA	1854	80 SCT E150 BKN	20			016	73	44	20	17	G25	968	DSNT LTG SE 303 1260	008
SA	1956	80 SCT 150 SCT	20			013	72	43	21	14	G24	969		008
SA	2055	80 SCT 150 SCT	20			013	70	43	21	13	G18	969		008
SA	2154	150 SCT	20			021	68	40	25	07		971	210 1060 86	008
SA	2252	150 SCT	20			024	65	42	04	14	G20	971		008
SA	2345	150 SCT	20			028	66	43	36	06		972		008

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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 06

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HRS.
00 57	26.555	75.5	54.0	23	10	10	AS	E140												10	8	.035			00-01
01 55	26.545	77.2	54.7	22	10															10					01-02
02 55	26.540	76.9	57.8	31	10															10					02-03
03 58	26.520	74.9	56.1	30	9	8	AC	E130	1	CI	220	9								9	8	.035			03-04
04 54	26.520	66.6	53.0	41	8															6					04-05
05 58	26.520	65.0	52.6	44	6															5					05-06
06 56	26.520	70.4	55.0	38	6	4	CU	90	2	AC	140	5	2	CC	E220	6				6	4	.000			06-07
07 53	26.505	75.7	58.0	35	4															4					07-08
08 54	26.480	81.0	61.7	34	3															3					08-09
09 55	26.460	82.0	62.4	34	3	0	TCU	90	1	AC	140	1	1	ACSL	170	2	1	CC	220	3	7	.060			09-10
10 54	26.440	83.4	62.6	32	2															2					10-11
11 53	26.410	81.7	61.4	32	2															2					11-12
12 54	26.370	83.6	61.7	29	1	1	TCU	90	0	AC	150	1	0	CI	250	1				1	8	.090			12-13
13 55	26.340	85.6	66.8	23	1															1					13-14
14 52	26.305	85.3	59.0	20	1															1					14-15
15 53	26.290	81.2	58.6	25	2	2	CU	80	0	~~AC~~	150	2	0	CI	250	2				2	6	.080			15-16
16 51	26.290	80.0	57.6	25	5															5					16-17
17 55	26.290	75.4	57.4	33	8															6					17-18
18 54	26.300	73.3	56.3	35	7	3	CU	80	4	AC	E150	7								7	3	.010			18-19
19 56	26.310	71.9	55.4	35	5															5					19-20
20 55	26.310	70.2	54.7	37	3															3					20-21
21 54	26.330	67.8	52.6	36	1	1	AC	150												1	2	.030			21-22
22 52	26.330	64.7	52.0	43	1															1					22-23
23 45	26.340	65.6	53.0	44	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350	X	0	0	X	80	65	X	X						X		
	0350	1	0	0	0	80	64		0								
	0948	2	0	0	0	84	65		0								
	1550	3	0	0	0	86	81		0								
	2150	4	0	0	0	81	67		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0955	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.460	26.280	26.330
BAROGRAPH 64	26.520	26.460	26.290	26.320
BAR. CORR. 65	±0	±0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	63	0	0	0	39	9	0917					3	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1302/BT ⊕ 0 Sec./ 2307P ⊕ 2 Sec./ ± Sec.

1553/1553

1755/1755

0358/64/0830-9

0955/64/0831-9

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1985 OCT 07

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	150 SCT	20			027	65	43	21	12		972	303 1060	008
SA	0150	150 SCT	20			026	64	44	24	08		972		008
SA	0251	150 SCT 250 - SCT	20			028	62	44	23	06		972		008
SA	0356	CLR	20			030	61	43	31	07		973	400 58 RADAT 56115	SEA
SA	0456	CLR	20			036	59	43	31	04		974	FEW CU	SEA
SA	0554	CLR	20			045	60	45	35	05		976	FEW AC/CI	SEA
SA	0654	CLR	20			047	62	45	35	04		977	FEW AC/CI VIRGA NW/ 112	SEA
/	/											/	1071	/
SA	0752	120 SCT	20			045	63	47	22	07		976	FEW CU OVRNS SE	SEA
SA	0853	CLR	20			042	67	47	24	12		976	FEW CU/AC	SEA
SA	0954	CLR	20			042	69	46	25	12		976	FEW CU/ 603 1100 57	SEA
SA	1054	80 SCT	20			040	70	47	20	14		975	TCU N	SEA
SA	1152	80 SCT	20			030	73	46	23	11		972		SEA
SA	1257	80 SCT	20			017	73	45	23	14	G20	969	822 1100	SEA
SA	1356	80 SCT	20			005	74	43	24	12	G19	965		SEA
SA	1445	80 SCT	20			004	74	42	21	13	G21	963		008
SA	1554	80 SCT	20			004	73	41	24	10	G15	963	614 1100 77 RADAT 75102	008
SA	1650	80 SCT	20			002	72	40	20	11		962		008
SA	1755	80 SCT	20			000	69	40	21	09		962		008
SA	1854	80 SCT	20			998	68	40	19	08		961	807 1100	008
SA	1955	CLR	20			998	67	40	35	12		961		008
SA	2050	250 - BKN	20			997	67	42	20	10		961		008
SA	2149	E250 OVC	20			999	65	41	26	11		962	303 1007 77	008
SA	2248	E250 OVC	20			021	60	42	03	20	G27	968	APRNT FROPA	008
SA	2355	E250 OVC	20			016	58	46	04	14	G20	967		008

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1985 OCT 07

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.340	65.4	53.0	45	1	1	AC	150												1	3	.010			00-01
01 50	26.340	64.1	53.0	49	1															1					01-02
02 51	26.340	61.7	51.9	52	2															1					02-03
03 56	26.340	60.5	51.1	53	0															0	4	.000			03-04
04 56	26.350	58.5	50.2	57	0															0					04-05
05 54	26.370	59.7	51.6	59	0															0					05-06
06 54	26.375	62.0	52.6	54	0	0	AC	120	0	CI	250	0								0	1	.035			06-07
07 52	26.370	63.3	54.0	56	1															1					07-08
08 53	26.365	66.5	55.0	49	0															0					08-09
09 54	26.365	69.3	56.0	44	0	0	CU	80												0	6	.010			09-10
10 54	26.355	70.1	56.5	44	1															1					10-11
11 52	26.335	72.7	57.1	39	1															1					11-12
12 51	26.300	73.1	56.6	38	1	1	CU	80												1	8	.065			12-13
13 56	26.270	74.2	56.2	32	1															1					13-14
14 45	26.260	73.6	55.8	32	2															2					14-15
15 54	26.260	73.0	55.1	31	2	2	CU	80												2	6	.040			15-16
16 50	26.250	71.6	54.0	31	2															2					16-17
17 55	26.245	69.1	53.1	34	2															2					17-18
18 54	26.240	68.4	53.0	36	1	1	CU	80												1	8	.020			18-19
19 55	26.240	67.2	52.4	37	0															0					19-20
20 50	26.240	66.7	53.0	40	7															3					20-21
21 49	26.250	65.1	52.1	42	10	10	CS	8250												10	3	.010			21-22
22 48	26.300	59.7	50.0	51	10															10					22-23
23 55	26.290	57.9	51.0	63	10															10					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	66	58	X	X						X		
	0350	1	0	0	0	68	58		0								
	0948	2	0	0	0	70	57		0								
	1550	3	0	0	0	77	68		0								
	2145	4	0	0	0	75	64		0								
	MID.	X	0	0	0	66	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0954	1554	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.365	26.260	26.250
BAROGRAPH 64	26.335	26.360	26.255	26.240
BAR. CORR. 65	+.005	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	56	0	0	0	27	NE	2249*					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0756 PST @ 0 Sec./ 2153 P @ 2 Sec./ ± Sec.

* LAST OF 2 OCCURANCES

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 8 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	E 250 OVC	20			020	58	46	07	10		968	217 1007	
SA	0154	E 250 OVC	20			018	60	44	12	06		968		
SA	0245	45 SCT E 250 OVC	20		RW-	016	59	44	11	06		967	RB27	
SA	0358	M 55 OVC	20			009	58	45	08	05		965	RE15 / 81000 15// ~~57~~ 56	
—	—												RADAT 72090 COR(1203)	
SA	0456	M 55 OVC	20		RW-	014	56	49	23	07		966	RB28	
SA	0551	M 55 OVC	20			020	57	47	08	02		967	RE08 RWU NW	
SA	0652	15 SCT M 55 OVC	20			024	57	47	30	05		969	21200 15//	
SA	0751	11 SCT M 38 OVC	20		RW-	032	58	48	30	06		971	RB26	
SA	0852	15 SCT 35 SCT M 50 OVC	20			032	58	46	34	05		971	TCU NW RWU SE RE03	
SA	0950	15 SCT M32 BKN 50 OVC	20		RW-	039	52	44	11	12	24	971	RB42 / 10800 18// 52	
SA	1055	15 SCT M38 OVC	10		RW-	047	50	45	33	12		972	LWR CLDS SE	
SP	1113	6 SCT 12 SCT M 35 OVC	3		R-				03	08		972		
SP	1138	6 SCT M 38 OVC	7		TR-				04	09		972	TB35 S MOVMT UNKN	
SA	1153	6 SCT M 35 OVC	7		TR-	053	50	45	05	06		973	TB35 S LTL MOVMT	
—	—												VSBY SW 2	
SP	1232	6 SCT M 35 OVC	10		R-				15	10		972	TE30	
SA	1251	7 SCT M 33 OVC	3		R-	045	49	46	09	07		971	TE30 / 00016 18//	
SA	1350	7 SCT 26 SCT M 45 OVC	20			032	50	47	14	10		968	RE23 BINOVC	
SA	1452	7 SCT 26 SCT 50 SCT	20			025	53	47	10	15		966	TCU N SE AND S	
SA	1552	7 SCT E 35 BKN 200 BKN	20			020	53	45	11	13		964	62031 1803 59 RADAT 80094	
SA	1654	7 SCT 35 SCT 200 SCT	20			013	53	45	13	12		962	(COR 0052)	
SA	1745	7 SCT 35 SCT 200 SCT	20			009	53	44	09	11		961		
SA	1853	200 - SCT	20			009	54	43	12	15		961	610 1006	
SA	1952	200 - SCT	20			011	56	41	17	09		962		
SA	2053	200 - SCT	20			017	52	44	13	05		963		
SA	2145	200 - SCT	20			025	53	42	10	07		965	212 1006 66	
SA	2250	200 - SCT	20			026	57	34	19	13		965		
SA	2351	200 - SCT	20			030	56	35	21	08		967		

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 8 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.300	58.3	51.2	63	10	10	CS	6750												10	2	.050			00-01
01 54	26.300	59.5	51.1	57	10															10					01-02
02 51	26.290	58.5	50.3	58	10															10					02-03
03 58	26.270	57.9	50.5	61	10	10	SC	M55												10	8	.030			03-04
04 56	26.280	56.1	52.1	77	10															10					04-05
05 51	26.290	56.7	51.3	72	10															10					05-06
06 52	26.305	57.3	51.5	69	10	2	CUFRA	15	10	SC	M55	10								10	2	.035			06-07
07 51	26.325				10															10					07-08
08 52	26.325				10															10					08-09
09 50	26.330				10	2	CUFRA	15	4	CU	M32	6	10	SC	50	10				10	1	.025			09-10
10 55	26.340				10															10					10-11
11 53	26.350				10															10					11-12
12 51	26.330				10	3	CUFRA	6	10	SC	M33	10								10	0	.000			12-13
13 50	26.300				10															10					13-14
14 52	26.285				3															3					14-15
15 52	26.270				8	3	CUFRA	7	3	SC	635	6	2	CI	200	8				7	6	.060			15-16
16 54	26.250				4															4					16-17
17 51	26.240				4															4					17-18
18 53	26.240				2	2	CI	200												1	6	.030			18-19
19 57	26.250				2															1					19-20
20 53	26.260				2															1					20-21
21 45	26.275				2	2	CI	200												1	2	.035			21-22
22 50	26.280				2															1					22-23
23 51	26.290				2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	T	0	X	60	57	X	X						X		
	0354	1	T	0	0	66	56		0								
	0945	2	T	0	0	59	52		0								
	1549	3	.31	0	0	53	48		2								
	2140	4	0	0	0	56	51		1								
	MID.	X	0	0	0	58	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0950	1551	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.270	26.330	26.270	26.275
BAROGRAPH 64	26.270	26.315	26.265	26.265
BAR. CORR. 65	+.0	+.015	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNTIL TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	48	.31	0	0	24	E	0942					9	7		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

TIME CHECK - CLOCK AT: 0655P ⊕2 Sec./ 2350P ⊕2 Sec./ ± Sec.

0358P/0403P

HYGROTHERMOMETER HO-83 IN SERVICE 0730P

1552/RADAT 80094/1652

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0227	0315			
RW-	0428	0508			
RW-	0726	0803			
RW-	0942	1110			
R-	1110	1303			
T	1135	1230			
R	1303	1315			
R-	1315	1323			

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 9 OCT 1985

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	200 - SCT	20			035	56	36	22	12		968	308 1001	[illegible]
SA	0147	200 - SCT	20			041	56	33	26	10		970		[illegible]
SA	0246	200 - SCT	20			045	54	38	25	11		971		[illegible]
SA	0354	120 SCT E 230 OVC	20			050	53	39	24	08		972	114 1077 51 20031	[illegible]
—	—												RADAT 68082	—
SA	0451	E90 BKN 230 OVC	20			062	51	39	34	03		976		[illegible]
SA	0551	M 75 OVC	20			066	51	39	08	05		977		[illegible]
SA	0655	22 SCT E 80 OVC	20			073	52	42	05	04		979	MTN TPS OBSED SE / 120	[illegible]
—	—												142/	—
SA	0750	25SCT E 80 BKN 230 OVC	20			076	55	40	02	06		981		[illegible]
SA	0850	25SCT 55SCT 230-OVC	20			080	56	40	36	06		982		[illegible]
SA	0950	25SCT E55 BKN 230 BKN	20			085	58	39	04	08		983	214 1808 48	[illegible]
SA	1050	E30 BKN 55 BKN 230 OVC	20			077	60	37	04	07		982	RWU SE TCU N	[illegible]
SA	1151	E35 BKN 55 BKN 230 OVC	20			072	62	41	07	05		981	RWU NE AND SE BINOVC	[illegible]
SA	1250	M45 BKN 60 OVC	20			076	57	45	28	09		981	RB05E41 RWU SE AND	[illegible]
—	—												SW-NW / 60702 1811	—
SA	1350	M38 BKN 60 OVC	20			080	57	42	30	08		982	RB07E23 RWU SE AND NW	[illegible]
SA	1450	M45 BKN 60 BKN	20		RW-	080	60	42	04	12		982	RB43	[illegible]
SA	1549	M50 BKN 65 BKN 100 BKN	20			089	57	44	02	16		984	RE10 21002 1870 63	AD.
SA	1649	50 SCT M65BKN 100 BKN	20			089	56	42	03	21		984		AD
SA	1749	M50 BKN 100 BKN	20			103	54	41	04	12		988	4	AD
SA	1849	M50 BKN 100 BKN	20			110	54	41	04	15		990	317 1870	AD
SA	1949	M65 BKN	20			125	53	39	05	10		994		AD
SA	2049	65 SCT	20			128	52	39	06	12		996		AD
SA	2149	65 SCT.	20			130	51	39	06	10		997	120 150063	AD
SA	2249	65 SCT	20			138	51	38	06	11		999		AD
SA	2349	65 SCT	20			141	50	37	07	09		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: 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 9 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.300				2	2	Ci	200												1	3	.025			00-01
01 47	26.320				2															1					01-02
02 46	26.330				2															1					02-03
03 54	26.340				10	3	Ac	120	10	Cs	E230	10								8	1	.040			03-04
04 51	26.370				10															8					04-05
05 51	26.380				10															10					05-06
06 53	26.400				10	3	Sc	22	10	As	E80	10								8	1	.060			06-07
07 50	26.420				10															8					07-08
08 50	26.430				10															4					08-09
09 50	26.440				9	3	Cu	25	3	Sc	E55	6	3	Cs	230	9				7	2	.040			09-10
10 50	26.430				10															8					10-11
11 51	26.420				10															9					11-12
12 50	26.420				10	7	Cu	M45	3	Sc	60	10								9	6	.020			12-13
13 50	26.430				10															9					13-14
14 50	26.430				9															7					14-15
15 49	26.450				9	6	Cu	M50	2	Sc	65	8	1	Ac	100	9				9	2	.030			15-16
16 49	26.450				8															8					16-17
17 49	26.480				7															7					17-18
18 49	26.500				8	6	Sc	M50	2	Ac	100	8								8	3	.050			18-19
19 49	26.540				7															7					19-20
20 49	26.550				4															4					20-21
21 49	26.560				3	3	Sc	65												3	1	.060			21-22
22 49	26.580				2															2					22-23
23 49	26.590				2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		57	53										
	0350	1	0	0	0	58	52		1								
	0945	2	0	0	0	58	51		0								
	1545	3	0.02	0	0	63	56		0								
	2145	4	0	0	0	57	51		0								
	2145 MID.		0	0	0	51	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.440	26.450	26.560
BAROGRAPH 64	26.330	26.440	26.450	26.560
BAR. CORR. 65	+.010	±.0 *	+.0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	50	0.02	0	0	23	NE	1625					10	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	1205	1241			
RW-	1307	1323			
RW-	1443	1510			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0557P @2 Sec./ 1840P @2 Sec./ ± Sec.

* BAROGRAPH CHANGED RESET TO ±.0 CORR

1649P/ 0300P 10-10

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 10 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0049	65 SCT	20			141	51	38	04	11		000	110 1500	AD
SA	0149	65 SCT	20			132	50	38	04	10		997		AD
SA	0249	65 SCT	20			132	49	37	06	10		997		AD
SA	0355	40 SCT 90 SCT E 230 BKN	20			133	47	39	05	05		997	610 1408 47 20002	[illegible]
—	—												RADAT 67094	—
SA	0450	M70 BKN 230 BKN	20			140	49	38	04	07		999		[illegible]
SA	0551	M45 BKN 70 OVC	15		RW-	149	49	41	10	08		001	RB43	[illegible]
SA	0650	M45 BKN 70 BKN	20			154	50	43	04	09		002	RE17 / 11704 1400	[illegible]
SA	0751	E50 BKN 90 BKN	20			156	53	42	12	07		003	LWR CLDS OVR MTNS SE	[illegible]
SA	0853	E50 BKN 90 BKN	20			156	56	38	04	10		003		[illegible]
SA	0953	60 SCT 120 SCT 250 SCT	20			150	59	39	13	11		002	00004 1461 47	[illegible]
SA	1056	50 SCT 120 SCT	20			140	62	40	16	07		000		[illegible]
SA	1154	E60 BKN 250 BKN	20			132	65	40	17	04		998		[illegible]
SA	1252	M45 BKN 120 BKN	20			125	63	39	04	06		996	720 1160	[illegible]
SA	1353	M45 BKN 120 BKN	20			119	67	39	28	06		994		[illegible]
SA	1451	E50 BKN 120 BKN	20			118	64	39	34	04		993		[illegible]
SA	1549	50 SCT	20			114	66	39	18	04		992	710 1100 67	AD.
/	/												RADAT 82093	
SA	1649	50 SCT	20			114	64	40	18	09		992		AD
SA	1749	50 SCT	20			123	61	42	18	06		994		AD
SA	1849	CLR	20			127	59	42	18	07		996	310	AD
SA	1949	CLR	20			131	57	42	09	07		997		AD
SA	2049	CLR	20			135	53	44	26	04		998		AD
SA	2149	CLR	20			139	51	44	26	05		999	210 67	AD
SA	2249	CLR	20			139	49	44	00	00		999		AD
SA	2349	CLR	20			139	48	44	00	00		999		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 $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 10 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.590				3	3	SC	65												3.	1	.030			00-01
01 49	26.560				1															1					01-02
02 49	26.560				1															1					02-03
03 55	26.560				8	3	SC	40	2	SC	90	5	3	CS	15230	8				7	6	.030			03-04
04 50	26.580				8															7					04-05
05 51	26.600				10															10					05-06
06 50	26.610				8	6	SC	M45	2	SC	70	8								8	1	.050			06-07
07 51	26.620				9															9					07-08
08 53	26.620				9															9					08-09
09 53	26.610				3	2	SC	60	1	AC	120	3	0	CI	250	3				3	0	.000			09-10
10 56	26.590				1															1					10-11
11 54	26.570				6															6					11-12
12 52	26.550				8	8	CU	M45	0	AC	120	8								8	7	.060			12-13
13 53	26.540				8															8					13-14
14 51	26.530				8															8					14-15
15 49	26.520				4	4	CU	50												4	7	.030			15-16
16 49	26.520				4															4					16-17
17 49	26.540				2															2					17-18
18 49	26.550				0															0	3	.030			18-19
19 49	26.560				0															0					19-20
20 49	26.570				0															0					20-21
21 49	26.580				0															0	2	.030			21-22
22 49	26.580				0															0					22-23
23 49	26.580				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	52	47	X	X						X		
	0350	1	0	0	0	52	47		0								
	0949	2	.04	0	0	59	47		0								
	1545	3	0	0	0	67	59		0								
	2145	4	0	0	0	66	51		0								
	2145 MID.	X	0	0	0	52	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1545	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.610	26.520	26.580
BAROGRAPH 64	26.580	26.615	26.530	26.575
BAR. CORR. 65	-.020	-.005	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	47	0.04	0	0	16	NE	0155					7	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0543	0617			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0625P ⊕2 Sec./ 1945 ⊕3 Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-784-006/6069

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 11 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0049	CLR	20			139	49	44	00	00		999	400	AD
SA	0149	CLR	20			139	47	43	00	00		999		AD
SA	0249	CLR	20			139	48	38	01	03		999		AD
SA	0349	CLR	20			137	47	41	35	07		999	400 46 20004 RADAT	CG
							4						76092	
SA	0449	CLR	20			141	47	40	35	02		000		CG
SA	0550	CLR	20			148	45	41	10	05		001		CG
SA	0653	CLR	20			159	49	43	14	04		004	317	CG
SA	0752	CLR	20			161	54	42	23	02		005		CG
SA	0850	CLR	20			160	61	40	22	03		005		CG
SA	0949	CLR	20			158	64	39	24	07		005	103 44	CG
SA	1057	CLR	20			154	67	38	23	09		004		CG
SA	1151	CLR	20			150	69	36	26	11		003		CG
SA	1253	CLR	20			141	70	35	23	09		001	814 1100	CG
SA	1353	CLR	20			134	70	34	24	06		998		CG
SA	1451	CLR	20			134	71	33	24	09		998		CG
SA	1549	CLR	20			126	71	32	22	10		996	714 72 RADAT 44128	AD
SA	1649	CLR	20			126	69	32	24	08		996		AD
SA	1749	CLR	20			126	64	33	26	06		996		AD
SA	1849	CLR	20			126	59	35	26	03		996	400	AD
SA	1949	CLR	20			137	59	34	20	05		998		AD
SA	2049	CLR	20			140	54	38	17	03		999		AD
SA	2149	CLR	20			142	53	39	16	05		001	214 72	AD
SA	2249	CLR	20			142	51	40	00	00		001		AD
SA	2349	CLR	20			142	52	37	00	00		001		AD

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

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

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 11 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.580				0															0	4	.000			00-01
01 49	26.580				0															0					01-02
02 49	26.580				0															0					02-03
03 54	26.580				0															0	4	.000			03-04
04 59	26.590				0															0					04-05
05 50	26.600				0															0					05-06
06 53	26.630				0															0	3	.050			06-07
07 52	26.640				0															0					07-08
08 50	26.640				0															0					08-09
09 59	26.640				0															0	1	.010			09-10
10 57	26.630				0															0					10-11
11 51	26.620				0															0					11-12
12 53	26.600				0	0	Cu	40												0	8	.040			12-13
13 53	26.580				0															0					13-14
14 51	26.580				0															0					14-15
15 49	26.560				0															0	7	.040			15-16
16 49	26.560				0															0					16-17
17 49	26.560				0															0					17-18
18 49	26.560				0															0	4	.000			18-19
19 49	26.580				0															0					19-20
20 49	26.590				0															0					20-21
21 49	26.600				0															0	2	.040			21-22
22 49	26.600				0															0					22-23
23 49	26.600				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	52	46	X	X						X		
	0348	1	0	0	0	52	46		0								
	0959	2	0	0	0	64	44		0								
	1545	3	0	0	0	72	64		0								
	2145	4	0	0	0	71	53		0								
	2145 MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0959	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.640	26.560	26.600
BAROGRAPH 64	26.580	26.640	26.565	26.590
BAR. CORR. 65	±0	±0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	44	0	0	0	17	SW	1312					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0656P @3 Sec./ 2025P @7 Sec./ ± Sec.

0334/0334

SP=

RS=

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

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: 12 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0049	CLR	20			134	49	37	23	05		998	807	AD
SA	0149	CLR	20			134	47	38	24	04		998		AD
SA	0249	CLR	20			134	46	34	24	05		998		AD
SA	0355	CLR	20			136	45	39	24	02		998	400 45 RAOAT 30113	CG
SA	0451	CLR	20			138	45	38	24	05		998		CG
SA	0554	CLR	20		143	138	46	39	24	02		999		CG
SA	0658	CLR	20			146	51	42	20	02		001	307	CG
SA	0759	CLR	20			148	59	43	20	03		002		CG
SA	0859	CLR	20			148	63	43	20	04		002		CG
SA	0954	CLR	20			138	66	39	20	03		001	000 1108 44	CG
SA	1055	250 - SCT	20			138	67	38	21	04		999		CG
SA	1158	250 - SCT	20			128	69	34	26	07		997		CG
SA	1253	250 - SCT	20		118	125	70	34	22	05		996	714 1108	CG
SA	1354	250 - SCT	20			119	70	33	23	05		994		CG
SA	1451	180 SCT E250 BKN	20			114	71	30	19	07		993	TCU N	CG
SA	1549	E180 BKN 250 OVC	20			113	70	29	23	04		992	614 1027 72 RADAT 53110	AD
SA	1649	180 SCT 250 - BKN	20			113	67	31	24	06		992		AD
SA	1749	180 SCT E250 BKN	20			113	64	34	23	03		992		AD
SA	1849	180 SCT E250 BKN	20			121	62	34	25	03		994	307 1022	AD
SA	1949	180 SCT E250 BKN	20			121	56	38	24	03		994		AD
SA	2049	250 - SCT	20			128	53	38	25	04		996		AD
SA	2149	CLR	20			134	56	33	25	04		999	314 72	AD
SA	2249	CLR	20			131	59	37	21	08		999		AD
SA	2349	CLR	20			139	59	37	21	11	G22	999		AD
						131								

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

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

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

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

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 12 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.580				0															0	8	.020			00-01
01 49	26.580				0															0					01-02
02 49	26.580				0															0					02-03
03 55	26.580				0															0	4	.000			03-04
04 51	26.580				0															0					04-05
05 54	26.590				0															0					05-06
06 58	26.600				0															0	3	.020			06-07
07 59	26.610				0															0					07-08
08 59	26.610				0															0					08-09
09 54	26.600				0	0	Cu	40	0	Cs	250	0								0	0	.000			09-10
10 55	26.590				4															1					10-11
11 58	26.570				4															1					11-12
12 53	26.560				4	0	Cu	40	4	Cs	250	4								1	7	.040			12-13
13 54	26.540				5															2					13-14
14 51	26.530				9															5					14-15
15 49	26.520				10	6	As	E180	4	Cs	250	10								7	6	.040			15-16
16 49	26.520				8															3					16-17
17 49	26.520				8															6					17-18
18 49	26.540				7	3	As	180	4	Ci	E250	7								5	3	.020			18-19
19 49	26.540				6															5					19-20
20 49	26.560				2															0					20-21
21 49	26.580				0															0	3	.040			21-22
22 49	26.580				0															0					22-23
23 49	26.580				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0853		0	0		54	45										
	0853	1	0	0	0	54	45		0								
	0952	2	0	0	0	66	44		0								
	1545	3	0	0	0	72	65		0								
	2145	4	0	0	0	70	53		0								
	2145 MID.		0	0	0	61	56										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0855	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.520	29.580
BAROGRAPH 64	26.580	26.610	26.510	29.570
BAR. CORR. 65	±0	-.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	44	0	0	0	22	SW	2341					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0805P @3Sec./ ± Sec./ ± Sec.

138/143 0554
125/118 1254
134/131 2359

SP=
RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE **13 OCT 1985**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0049	140 SCT 220 SCT	20			130	57	37	21	14		999	400 1021	AO
SA	0149	140 SCT 220 SCT	20			137	56	37	21	07		001		AO
SA	0249	220-SCT	20			137	55	36	02	10		001		AO
SA	0355	120 SCT 250-OVC	20			147	54	36	02	09		003	214 1052 54 RADAT	MR
/												/	76093	/
SA	0458	120 SCT 250-OVC	20			153	54	35	02	10		005		MR
SA	0552	80 SCT 250-BKN	20			159	54	33	03	10		006		MR
SA	0653	80 SCT 120 SCT 250 SCT	20			166	54	30	E07	14		008	214 1071	MR
SA	0755	80 SCT 120 SCT 250 SCT	20			174	56	28	E04	16		009		MR
SA	0852	120 SCT 250-BKN	20			175	57	29	E03	15	G26	009		MR
SA	0958	120 SCT 250-BKN	20			174	61	30	E03	13		011	108 1074 53	MR
SA	1054	80 SCT 120 SCT 250-BKN	20			167	63	28	E04	12	G18	009		MR
SA	1154	80 SCT 120 SCT E250 BKN	20			159	65	27	E04	12		007		MR
SA	1255	80 SCT E250 BKN	20			155	65	26	E01	08		005	715 1104	MR
SA	1352	250-BKN	20			148	66	24	E02	10		003	CU SE	MR
SA	1450	250-BKN	20			148	66	24	E01	08		003	CU SE	MR
SA	1553	250 SCT	20			148	66	22	E02	09		003	607 1101 67 RADAT 59171	EP
SA	1651	250-SCT	20			148	65	22	E02	08		003		EP
SA	1754	CLR	20			156	62	21	E02	08		004		EP
SA	1853	CLR	20			163	60	20	E03	14		006	310 1001	EP
SA	1951	CLR	20			175	57	15	E04	16		010		EP
SA	2050	CLR	20			183	55	16	E04	12		012		EP
SA	2158	CLR	20			186	52	19	E06	10		013	120 67	EP
SA	2250	CLR	20			190	51	21	E04	09		014		EP
SA	2350	CLR	20			191	50	22	E03	10		014		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 13 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMID. (TY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O-PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.580				3	2	AS	140	1	Cl	220	3								3	4	.000			00-01
01 49	26.600				3															3					01-02
02 49	26.600				1															0					02-03
03 55	26.620				10	2	Ac	120	8	Cl	250	10								4	2	.040			03-04
04 58	26.635				10															3					04-05
05 52	26.645				7															3					05-06
06 53	26.660				4	2	Ac	80	2	Ac	120	4	0	Cl	250	4				4	2	.040			06-07
07 55	26.675				4															4					07-08
08 52	26.675				8															4					08-09
09 58	26.685				8	1	Ac	120	7	Cl	250	8								4	1	.025			09-10
10 54	26.670				7															3					10-11
11 54	26.655				9															5					11-12
12 55	26.640				9	1	Cu	80	8	Cl	E250	9								6	7	.045			12-13
13 52	26.620				9															4					13-14
14 50	26.620				9															4					14-15
15 53	26.620				1	0	Cu	80	1	Cl	250	1								1	6	.020			15-16
16 51	26.620				1															0					16-17
17 54	26.635				0															0					17-18
18 53	26.650				0	0	Cl	250												0	3	.030			18-19
19 51	26.680				0															0					19-20
20 50	26.700				0															0					20-21
21 58	26.710				0															0	1	.060			21-22
22 50	26.720				0															0					22-23
23 50	26.725				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350		0	0		59	54										
	0350	1	0	0	0	61	54		0								
	0950	2	0	0	0	61	53		0								
	1548	3	0	0	0	67	61		0								
	2151	4	0	0	0	66	52		0								
	MID.		0	0	0	52	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.685	26.620	26.710
BAROGRAPH 64	26.615	26.685	26.620	26.710
BAR. CORR. 65	+.005	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	50	0	0	0	22	NE	0814					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1106P ⊕2 Sec./ 2130 ⊕2 Sec./ ± Sec.

F420C-WD DTS 0645P

*BAROGRAPH CHANGED AND RESET TO ZERO CORR.

SP=

RS=

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 14 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			195	51	22	E04	09		015	108	EP
SA	0153	CLR	20			202	48	22	E04	10		017		EP
SA	0250	CLR	20			203	49	21	E03	12		017		EP
SA	0356	CLR	20			205	47	18	E04	11		018	108 46 RADAT 20088	MR
SA	0453	CLR	20			210	49	15	E05	13		019		MR
SA	0555	CLR	20			218	49	14	E07	13		022		MR
SA	0654	CLR	20			219	49	14	E05	13		022	110 1001	MR
SA	0751	CLR	20			228	51	14	E04	15		024		MR
SA	0851	CLR	20			226	56	12	E02	13		024		MR
SA	0955	CLR	20			224	62	12	E01	13		024	107 46	MR
SA	1054	CLR	20			220	65	8	E04	15	G21	023		MR
SA	1156	CLR	20			209	67	6	E06	15	G20	020		MR
SA	1252	CLR	20			198	69	6	E08	13	G18	017	820	MR
SA	1352	CLR	20			194	69	3	E07	12		016		MR
SA	1451	CLR	20			190	70	5	E05	11		015		MR
SA	1554	CLR	20			184	70	7	E05	12		013	714 70 RADAT 20110	EP
SA	1651	CLR	20			185	67	9	E05	10		013		EP
SA	1753	CLR	20			189	62	10	E07	10		013		EP
SA	1851	CLR	20			195	61	11	E07	09		015	307	EP
SA	1952	CLR	20			201	57	12	E06	08		016		EP
SA	2052	CLR	20			202	57	12	E05	09		017	~~70~~	EP
SA	2156	CLR	20			203	56	11	E05	11		018	210 70	EP
SA	2258	CLR	20			204	51	13	E04	07		018		EP
SA	2351	CLR	20			202	53	15	E04	03		018		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 14 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.735				0															0	1	.025			00-01
01 53	26.750				0															0					01-02
02 50	26.755				0															0					02-03
03 56	26.760				0															0	1	.025			03-04
04 53	26.770				0															0					04-05
05 55	26.790				0															0					05-06
06 54	26.790				0	0	CI	250												0	1	.030			06-07
07 51	26.810				0															0					07-08
08 51	26.810				0															0					08-09
09 55	26.810				0															0	1	.020			09-10
10 54	26.800				0															0					10-11
11 56	26.775				0															0					11-12
12 52	26.750				0															0	8	.060			12-13
13 52	26.735				0															0					13-14
14 51	26.730				0															0					14-15
15 54	26.710				0															0	7	.040			15-16
16 51	26.710				0															0					16-17
17 53	26.715				0															0					17-18
18 51	26.730				0															0	3	.020			18-19
19 52	26.740				0															0					19-20
20 52	26.750				0															0					20-21
21 56	26.760				0															0	2	.030			21-22
22 58	26.760				0															0					22-23
23 51	26.760				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	53	46	X	X						X		
	0350	1	0	0	0	53	46		0								
	0951	2	0	0	0	62	46		0								
	1551	3	0	0	0	70	62		0								
	2152	4	0	0	0	70	53		0								
	MID.	X	0	0	0	56	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.810	26.710	26.760
BAROGRAPH 64	26.760	26.810	26.720	26.760
BAR. CORR. 65	0	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	46	0	0	0	21	NE	1050					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0455P @ 2Sec./ 2200 @ 2Sec./ ± Sec.

2052/2052

F430C CONT OUT

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 15 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	CLR	20			201	52	12	E03	12		018	400	EP
SA	0152	CLR	20			198	55	14	E03	11		017		EP
SA	0251	CLR	20			198	54	14	E03	10		017		EP
SA	0356	CLR	20			202	50	15	E04	07		018	500 49 RADAT 26118	MR
SA	0452	CLR	20			203	49	15	E04	08		017		MR
SA	0550	CLR	20			202	49	14	E04	09		017		MR
SA	0653	CLR	20			205	53	15	E07	06		018	500	MR
SA	0750	CLR	20			208	58	14	E06	12		019		MR
SA	0850	CLR	20			202	62	13	E05	10		018		MR
SA	0956	CLR	20			195	69	8	E07	13	G20	017	803 48	MR
SA	1053	CLR	20			190	71	7	E07	12		015		MR
SA	1153	CLR	20			176	72	7	08	10		012		MR
SA	1253	CLR	20			168	74	8	08	10		010	724	MR
SA	1354	CLR	20			158	75	8	10	11		008		MR
SA	1452	CLR	20			155	75	7	10	12	G17	007		MR
SA	1554	CLR	20			153	74	5	12	11		005	614 75 RADAT 20121	EP
SA	1654	CLR	20			156	71	5	11	08		005		EP
SA	1751	CLR	20			160	65	9	09	09		005		EP
SA	1852	CLR	20			163	62	9	10	10		006	303	EP
SA	1951	CLR	20			165	56	8	11	11		007		EP
SA	2051	CLR	20			159	59	10	03	07		006		EP
SA	2150	CLR	20			156	56	10	13	05		006	000 75	EP
SA	2251	CLR	20			152	57	11	07	04		005		EP
SA	2353	CLR	20			150	52	12	04	05		004		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 15 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.760				0															0	4	.000			00-01
01 52	26.755				0															0					01-02
02 51	26.755				0															0					02-03
03 56	26.760				0															0	5	.000			03-04
04 52	26.755				0															0					04-05
05 50	26.750				0															0					05-06
06 53	26.760				0															0	5	.000			06-07
07 50	26.770				0															0					07-08
08 50	26.760				0															0					08-09
09 56	26.750				0															0	8	.010			09-10
10 53	26.730				0															0					10-11
11 53	26.700				0															0					11-12
12 53	26.680				0															0	7	.070			12-13
13 54	26.660				0															0					13-14
14 52	26.650				0															0					14-15
15 54	26.640				0															0	6	.040			15-16
16 54	26.640				0															0					16-17
17 51	26.640				0															0					17-18
18 52	26.650				0															0	3	.010			18-19
19 51	26.655				0															0					19-20
20 51	26.650				0															0					20-21
21 50	26.650				0															0	0	.000			21-22
22 51	26.640				0															0					22-23
23 53	26.630				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		56	49										
	0351	1	0	0	0	56	49		0								
	0951	2	0	0	0	69	48		0								
	1551	3	0	0	0	75	69		0								
	2146	4	0	0	0	74	56		0								
	MID.		0	0	0	57	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1552	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.750	26.640	26.650
BAROGRAPH 64	26.760	26.755	26.650	26.650
BAR. CORR. 65	0	-.005	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	48	0	0	0	20	E	0948					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0358P ⊕ 1 Sec./ 2030 ⊕ 1 Sec./ ± Sec.

WIND DIR F420C RESTORED 1148P

SP=

RS=

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE 16 OCT 1985

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (18)
SA	0051	CLR	20			146	53	12	00	00		003	608	EP
SA	0151	CLR	20			144	53	11	01	05		003		EP
SA	0250	CLR	20			141	51	13	33	03		002		EP
SA	0350	CLR	20			140	53	10	35	05		002	605 49	CH
/													RADAT 20117	/
SA	0450	CLR	20			138	54	11	07	04		001		CH
SA	0550	CLR	20			141	49	14	05	08		001		CH
SA	0650	CLR	20			139	54	16	08	06		000	707	CH
SA	0750	CLR	20			141	63	16	05	05		001		CH
SA	0850	CLR	20			138	67	18	14	07		001		CH
SA	0950	CLR	20			130	69	18	13	05		998	803 47	CH
SA	1050	CLR	20			124	72	19	13	06		997		CH
SA	1150	CLR	20			115	74	18	02	04		994		CH
SA	1250	CLR	20			~~094~~ 181	75	18	09	06		991	824	CH
SA	1350	CLR	20			090	76	14	17	06		987		CH
SA	1450	CLR	20			084	77	17	14	10		985		CH
SA	1553	CLR	20			079	76	22	12	12		984	620 1008 77 RADAT 20119	HS
SA	1650	CLR	20			080	73	24	13	06		984		HS
SA	1750	CLR	20			090	66	19	18	05		986		HS
SA	1850	CLR	20			098	60	21	08	05		988	310	HS
SA	1952	CLR	20			095	56	21	07	05		988		HS
SA	2050	CLR	20			098	55	20	07	05		989		HS
SA	2151	CLR	20			100	53	23	06	03		989	305 77	HS
SA	2251	CLR	20			097	51	25	08	04		989		HS
SA	2350	CLR	20			096	50	24	11	07		989		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.625				0															0	6	.025			00-01
01 51	26.620				0															0					01-02
02 50	26.610				0															0					02-03
03 50	26.610				0															0	6	.015			03-04
04 50	26.600				0															0					04-05
05 50	26.600				0															0					05-06
06 50	26.590				0															0	7	.020			06-07
07 50	26.600				0															0					07-08
08 50	26.600				0															0					08-09
09 50	26.580				0															0	8	.010			09-10
10 50	26.570				0															0					10-11
11 50	26.540				0															0					11-12
12 50	26.510				0															0	8	.070			12-13
13 50	26.480				0															0					13-14
14 50	26.460				0															0					14-15
15 53	26.450				0	0	Cs	250												0	6	.060			15-16
16 50	26.450				0															0					16-17
17 50	26.460				0															0					17-18
18 50	26.480				0															0	3	.030			18-19
19 52	26.480				0															0					19-20
20 50	26.490				0															0					20-21
21 51	26.495				0															0	3	.015			21-22
22 51	26.490				0															0					22-23
23 50	26.490				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		56	49										
	0346	1	0	0	0	57	49		0								
	0946	2	0	0	0	69	47		0								
	1550	3	0	0	0	77	69		0								
	2148	4	0	0	0	77	53		0								
	MID.		0	0	0	53	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.580	26.450	26.495
BAROGRAPH 64	26.610	26.600	26.470	26.515
BAR. CORR. 65	± 0	-.020	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	47	0	0	0	15	SE	1456					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0740P Qz Sec./ 1955P Qz Sec./ ± Sec.

1250/0010

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 17 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			096	49	24	08	06		989	602	HS
SA	0151	CLR	20			100	48	22	01	06		990		HS
SA	0250	CLR	20			096	48	24	13	03		989		HS
SA	0350	CLR	20			106	46	24	11	05		991	207 45	CH
													RADAT 34118	
SA	0450	CLR	20			112	43	24	12	03		992		CH
SA	0550	CLR	20			123	45	25	12	05		994		CH
SA	0650	CLR	20			128	50	25	09	03		995	214	CH
SA	0750	CLR	20			130	57	22	05	02		996		CH
SA	0850	CLR	20			130	66	22	03	09		997		CH
SA	0950	CLR	20			124	70	19	04	09		996	003 43	CH
SA	1050	CLR	20			118	75	18	30	07		995		CH
SA	1150	CLR	20			111	75	19	18	07		993		CH
SA	1250	CLR	20			107	77	19	22	08		992	714	CH
SA	1350	CLR	20			100	78	18	21	09		990		CH
SA	1452	CLR	20			100	78	16	22	10		990		CH
SA	1551	CLR	20			097	78	17	22	09		989	610 79 RADAT 20118	HS
SA	1651	CLR	20			104	75	18	26	06		990		HS
SA	1751	CLR	20			114	69	17	02	04		992		HS
SA	1851	CLR	20			122	61	20	03	05		994	217	HS
SA	1953	CLR	20			129	58	22	05	05		997		HS
SA	2052	CLR	20			128	57	21	06	04		998		HS
SA	2150	CLR	20			132	59	19	08	05		000	217 79	HS
SA	2250	CLR	20			135	54	21	06	03		001		HS
SA	2350	CLR	20			136	52	21	10	03		001		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 17 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.490				0															0	6	.005			00-01
01 51	26.500				0															0					01-02
02 50	26.490				0															0					02-03
03 50	26.510				0															0	2	.020			03-04
04 50	26.520				0															0					04-05
05 50	26.540				0															0					05-06
06 50	26.550				0															0	2	.040			06-07
07 50	26.560				0															0					07-08
08 50	26.570				0															0					08-09
09 50	26.560				0															0	0	.010			09-10
10 50	26.550				0															0					10-11
11 50	26.530				0															0					11-12
12 50	26.520				0															0	7	.040			12-13
13 50	26.500				0															0					13-14
14 50	26.500				0															0					14-15
15 51	26.490				0															0	6	.030			15-16
16 51	26.500				0															0					16-17
17 51	26.520				0															0					17-18
18 51	26.540				0															0	2	.050			18-19
19 53	26.560				0															0					19-20
20 52	26.570				0															0					20-21
21 50	26.590				0															0	2	.050			21-22
22 50	26.600				0															0					22-23
23 50	26.600				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	50	45	X	X						X		
	0347	1	0	0	0	53	45		0								
	0947	2	0	0	0	71	43		0								
	1549	3	0	0	0	79	70		0								
	2148	4	0	0	0	78	56		0								
	MID.	X	0	0	0	59	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.490	26.590
BAROGRAPH 64	26.520	26.560	26.500	26.590
BAR. CORR. 65	.010	±.000 *	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	43	0	0	0	14	SW	1307					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0945P @ 2 Sec./ 1855P @ 2 Sec./ ± Sec.

*Barograph changed reset to zero.

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **18 OCT 1985**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			140	50	22	09	03		002	207	HS
SA	0150	CLR	20			144	50	22	12	03		003		HS
SA	0252	CLR	20			145	47	22	13	04		003		HS
SA	0350	CLR	20			156	50	22	13	06		006	214 47	CH
/		~~20~~	~~20~~				~~50~~	~~22~~					RADAT 36116	/
SA	0450	CLR	20			164	50	22	00	00		008		CH
SA	0550	CLR	20			174	46	21	33	04		009		CH
SA	0650	CLR	20			184	51	23	03	04		012	217	CH
SA	0750	CLR	20			188	59	22	00	00		014		CH
SA	0850	CLR	20			187	65	34	13	06		014		CH
SA	0950	CLR	20			183	68	42	12	07		014	107 46	CH
SA	1050	CLR	20			180	72	41	15	10		013		CH
SA	1150	CLR	20			172	73	35	13	10		011		CH
SA	1250	CLR	20			168	76	32	12	09		010	CU SE/A1100 A714	CH
SA	1350	CLR	20			164	76	34	17	10		008		CH
SA	1450	CLR	20			166	76	36	20	04		008		CH
SA	1553	CLR	20			164	76	35	15	07		009	603 1101 77 RADAT 33116	HS
SA	1650	CLR	20			170	73	36	13	07		010		HS
SA	1751	CLR	20			176	65	37	12	06		010		HS
SA	1852	CLR	20			175	63	36	12	09		010	103	HS
SA	1950	CLR	20			175	61	38	11	07		011		HS
SA	2052	CLR	20			180	59	37	10	07		013		HS
SA	2150	CLR	20			183	57	34	36	03		014	214 77	HS
SA	2250	CLR	20			184	52	33	04	05		014		HS
SA	2350	CLR	20			184	52	34	10	03		014		HS

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

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

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

☆U.S.GPO:1984-0-764 000/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610				0															0	2	.020			00-01
01 50	26.620				0															0					01-02
02 52	26.620				0															0					02-03
03 50	26.650				0															0	2	.040			03-04
04 50	26.670				0															0					04-05
05 50	26.680				0															0					05-06
06 50	26.700				0															0	2	.050			06-07
07 50	26.720				0															0					07-08
08 50	26.720				0															0					08-09
09 50	26.720				0															0	1	.020			09-10
10 50	26.710				0															0					10-11
11 50	26.690				0															0					11-12
12 50	26.680				0	0	Cu	70												0	7	.040			12-13
13 50	26.670				0															0					13-14
14 50	26.670				0															0					14-15
15 53	26.670				0	0	Cu	70	0	Ci	250	0								0	6	.010			15-16
16 50	26.680				0															0					16-17
17 51	26.680				0															0					17-18
18 52	26.680				0															0	1	.010			18-19
19 50	26.690				0															0					19-20
20 52	26.710				0															0					20-21
21 50	26.720				0															0	2	.040			21-22
22 50	26.720				0															0					22-23
23 50	26.720				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	54	47	X	X						X		
	0347	1	0	0	0	59	47		0								
	0947	2	0	0	0	68	46		0								
	1551	3	0	0	0	77	68		0								
	2148	4	0	0	0	76	55		0								
	MID.	X	0	0	0	57	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.720	26.670	26.720
BAROGRAPH 64	26.650	26.720	26.660	26.720
BAR. CORR. 65	±.000	±.000	±.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	46	0	0	0	16	SE	1114					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 1010P @3Sec./ 1955P @2Sec./ ± Sec.

0350/0350

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 19 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (18)
SA	0050	CLR	20			184	50	34	03	03		014	400	HS
SA	0150	CLR	20			183	51	34	08	03		014		HS
SA	0250	CLR	20			184	50	34	19	03		014		HS
SA	0350	CLR	20			187	49	36	12	03		015	303 48	CH
													RADAT 40112	
SA	0450	CLR	20			199	49	35	03	03		016		CH
SA	0550	CLR	20			198	48	34	32	06		016		CH
SA	0650	CLR	20			202	51	35	00	00		017	207	CH
SA	0750	CLR	20			201	62	37	07	02		018		CH
SA	0850	CLR	20			199	66	38	19	02		018		CH
SA	0950	CLR	20			190	71	39	18	03		016	803 46	CH
SA	1050	CLR	20			187	73	40	35	03		015		CH
SA	1150	CLR	20			178	75	37	17	03		013		CH
SA	1250	CLR	20			167	77	37	30	05		010	820	CH
SA	1350	CLR	20			159	79	30	22	07		007		CH
SA	1450	CLR	20			152	78	32	24	09		005		CH
SA	1550	CLR	20			145	77	33	22	08		003	720 1101 79 RADAT 23126	HS
SA	1652	CLR	20			147	74	25	24	09		003		HS
SA	1750	CLR	20			154	68	26	11	02		004		HS
SA	1850	CLR	20			155	65	40	11	10		004	103	HS
SA	1950	CLR	20			152	62	42	08	07		005		HS
SA	2050	CLR	20			151	59	39	10	04		005		HS
SA	2150	250-SCT	20			147	58	39	04	03		004	000 1001 79	HS
SA	2250	CLR	20			147	56	38	36	06		004		HS
SA	2350	CLR	20			144	54	37	01	02		003		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 19 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	50	26.720				0														0	4	.000			00-01
01	50	26.720				0														0					01-02
02	50	26.720				0														0					02-03
03	50	26.730				0														0	3	.010			03-04
04	52	26.740				0														0					04-05
05	50	26.740				0														0					05-06
06	50	26.750				0														0	2	.020			06-07
07	50	26.760				0														0					07-08
08	50	26.760				0														0					08-09
09	50	26.740				0														0	8	.010			09-10
10	50	26.730				0														0					10-11
11	50	26.710				0														0					11-12
12	50	26.680				0														0	8	.060			12-13
13	50	26.660				0														0					13-14
14	50	26.640				0														0					14-15
15	50	26.620				0	0	Cu	80	0	Ci	250	0							0	7	.060			15-16
16	52	26.620				0														0					16-17
17	50	26.630				0														0					17-18
18	50	26.630				0														0	1	.010			18-19
19	50	26.635				0														0					19-20
20	50	26.635				0														0					20-21
21	50	26.630				1	1	Ci	250											0	0	.000			21-22
22	50	26.630				0														0					22-23
23	50	26.620				0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	52	48	X	X						X		
	0347	1	0	0	0	57	48		0								
	0947	2	0	0	0	71	46		0								
	1548	3	0	0	0	79	70		0								
	2148	4	0	0	0	77	55		0								
	MID.	X	0	0	0	58	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.740	26.620	26.630
BAROGRAPH 64	26.730	26.740	26.625	26.635
BAR. CORR. 65	±0	±0	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	46	0	0	0	15	SW	1515					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1005P @4 Sec./ 1955P @2 Sec./ ± Sec.

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 20 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			142	51	37	03	02		003	805	HS
SA	0151	CLR	20			135	52	36	32	04		001		HS
SA	0251	CLR	20			132	52	36	02	05		000		HS
SA	0356	CLR	20			134	50	37	04	05		000	507 50 RADAT 2112	DC
SA	0453	CLR	20			139	50	37	02	03		001	CI E	DC
SA	0548	E200 OVC	20			142	50	37	11	03		001		DC
SA	0651	E200 OVC	20			144	53	39	36	03		002	203 1002	DC
SA	0756	E200 OVC	20			145	60	39	05	04		003	BINOVC	DC
SA	0852	E200 OVC	20			144	66	39	13	04		003	BINOVC	DC
SA	0955	200 - OVC	20			136	70	38	00	00		001	802 1001 48	DC
SA	1051	200 - OVC	20			126	74	34	23	11	G16	998		DC
SA	1155	E200 OVC	20			112	76	30	20	10	G21	994	ACSL W BINOVC SE	DC
SA	1256	E200 OVC	20			104	78	27	22	14	G23	992	ACSL NW BINOVC SE / 729 1042	DC
SA	1350	E200 OVC	20			095	77	27	18	17	G24	989	ACSL W-N	DC
SA	1448	150 SCT E200 OVC	20			090	78	28	20	14	G19	988	ACSL ALQDS	DC
SA	1552	150 SCT E230 OVC	20			093	75	27	19	12	G20	988	510 1047 79 RADAT 20126	WRG
SA	1652	150 SCT E230 OVC	20			089	73	28	22	12		986	ACSL ALqds	WRG
SA	1752	150 SCT E230 OVC	20			091	70	30	17	10		986		WRG
SA	1852	150 SCT E230 BKN	20			090	65	30	16	08		986	707 1048	WRG
SA	1952	150 SCT E230 BKN	20			084	68	28	16	09		985	ACSL E	WRG
SA	2050	150 SCT E230 BKN	20			072	70	28	18	13		983		WRG
SA	2152	E150 BKN 230 BKN	20			070	70	31	19	12	G24	983	608 1078 79	WRG
SA	2252	E150 BKN 230 BKN	20			067	70	35	18	11	G18	983		WRG
SA	2352	E150 BKN 230 OVC	20			063	69	35	18	12		982		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 20 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.615				0															0	8	.015			00-01
01 51	26.600				0															0					01-02
02 51	26.590				0															0					02-03
03 56	26.595				0															0	5	.020			03-04
04 53	26.600				0															0					04-05
05 48	26.600				10															6					05-06
06 51	26.605				10	10	CI	E200												8	2	.010			06-07
07 56	26.615				10															8					07-08
08 52	26.615				10															7					08-09
09 55	26.600				10	10	CI	200												3	8	.005			09-10
10 51	26.595				10															2					10-11
11 55	26.540				10															7					11-12
12 56	26.515				10	0	ACSL	140	10	CI	E200	10								6	7	.085			12-13
13 50	26.495				10															7					13-14
14 48	26.480				10															7					14-15
15 52	26.485				10	3	ACSL	150	10	CS	E230	10								8	5	.030			15-16
16 52	26.470				10															7					16-17
17 52	26.470				10															6					17-18
18 54	26.465				8	2	ACSL	150	8	CS	E230	8								6	7	.020			18-19
19 52	26.460				7															6					19-20
20 50	26.440				7															6					20-21
21 52	26.440				9	6	AC	E150	3	CS	230	9								8	6	.025			21-22
22 52	26.440				9															8					22-23
23 52	26.430				10															9					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		55	50										
	0348	1	0	0	0	58	50		0								
	0948	2	0	0	0	70	48		0								
	1548	3	0	0	0	79	70		0								
	2148	4	0	0	0	75	65		0								
	MID.		0	0	0	71	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.600	26.485	26.440
BAROGRAPH 64	26.600	26.610	26.485	26.440
BAR. CORR. 65	-.005	-.010	±0.0	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	48	0	0	0	28	5	1211					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

TIME CHECK - CLOCK AT: 0825 P @ 2 Sec./ 2140 @ 2 Sec./ ± Sec.

SP=

RS=

MF1-10a (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6009

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: 1985 OCT 21

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	150 SCT E230 BKN	20			054	66	35	24	06		979	814 1078	WRG
SA	0152	150 SCT E230 BKN	20			049	67	34	21	05		978		WRG
SA	0250	150 SCT E230 BKN	20			035	68	35	20	15G	28	974		WRG
SA	0357	150 SCT E200 BKN	20			041	66	36	22	09		975	512 1078 65	DC
													RADAT 36 110	
SA	0456	150 SCT E200 BKN	20			041	65	36	22	14		975		DC
SA	0553	E 140 BKN	20			044	65	37	19	18	G26	975		DC
SA	0653	E 120 BKN	20			046	64	35	21	20	G26	975	400 1070	DC
SA	0750	E120 BKN 200 BKN	20			049	65	33	21	23	G34	976	VIRGA NW	DC
SA	0855	100 SCT 140 SCT E200 OVC	20			041	68	28	21	29	G39	975	ACSL E PK WND	DC
													2039/52	
SA	0954	80 SCT 140 SCT E250 OVC	20			035	70	26	20	25	G38	973	ACSL E */ 805 1247	DC
													64 * PK WND 2038/5	
SA	1053	80 SCT 140 SCT E250 OVC	20			034	69	25	21	26	G35	973	ACSL E PK WND	DC
													2041/1758	
SA	1153	80 SCT 120 SCT 200 SCT	20			034	70	25	21	26	G32	973	ACSL ALQDS PK	DC
													WND 2139/17	
SA	1252	80 SCT 120 SCT E200 BKN	20			035	66	29	18	26	G36	972	ACSL ALQDS PK WND	DC
													1936/45/ 705 1042	
SA	1349	60 SCT E120 BKN 200 OVC	20			031	66	31	18	23	G28	971	BINOVC ACSL ALQDS	DC
SA	1447	M65 BKN 120 OVC	20			031	65	37	20	16	G27	971	FEW ACSL BINOVC	DC
SA	1552	M 60 BKN 120 BKN	20			028	64	39	22	22	G32	970	705 1440 71 RADAT 49072	WRG
SA	1652	E 50 BKN 120 BKN	20			029	62	40	22	20G	31	970	ACSL E	WRG
SA	1752	50 SCT 120 SCT	20			039	59	39	21	24G	32	972	RWU OVR MTNS SE	WRG
SA	1852	50 SCT	20			054	58	38	21	21G	33	976	PK wnd 2237/61 CB OVRT BIN	
													Moug N OCNL LTGIC/	
													319 1300	WRG
SA	1952	50 SCT	20			080	53	33	21	12G	26	983	PRESRR CBBSNTN OCNL LTGIC	WRG
SA	2050	CLR	20			086	55	30	24	13		985	CB Mod E Few Sc OVR MTNS	WRG
SA	2152	CLR	20			103	50	33	04	12		990	wnd SLFT 06 APPRNT FRONT	
													242 1005 71	WRG
SA	2259	CLR	20			108	48	33	03	12		991		WRG
SA	2352	CLR	20			111	48	32	03	10		992		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO; DESERT ROCK NEVADA

DATE: 1985 OCT 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.400				9	4	AC	150	5	CS	E20	9								6	8	.040			00-01
01 52	26.390				8															7					01-02
02 50	26.360				8															6					02-03
03 57	26.365				8	1	AC	150	7	CS	E200	8								7	5	.035			03-04
04 56	26.365				8															5					04-05
05 53	26.365				9															9					05-06
06 53	26.365				9	9	AC	E120												9	4	.000			06-07
07 50	26.375				9															9					07-08
08 55	26.365				10															6					08-09
09 54	26.350				10	4	Cu	80	1	ACSC	140	5	10	CS	E250	10				7	8	.015			09-10
10 53	26.345				10															6					10-11
11 53	26.345				4															4					11-12
12 52	26.335				9	3	AC	80	1	ACSC	120	4	5	CI	E200	9				7	7	.015			12-13
13 49	26.330				10															9					13-14
14 47	26.330				10															10					14-15
15 52	26.320				9	6	Sc	M60	3	ACU	120	9								9	7	.015			15-16
16 52	26.320				7															7					16-17
17 52	26.340				5															5					17-18
18 52	26.375				3	3	CB	50												3	3	.035			18-19
19 52	26.440				2															2					19-20
20 50	26.460				0															0					20-21
21 52	26.500				0	0	CI	250												0	2	.125			21-22
22 52	26.510				0															0					22-23
23 52	26.520				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	69	65	X	X						X		
	0350	1	0	0	0	71	65		0								
	0948	2	0	0	0	70	64		0								
	1548	3	0	0	0	71	64		0								
	2148	4	0	0	0	64	50		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.365	26.358	26.320	26.500
BAROGRAPH 64	26.355	26.345	26.315	26.490
BAR. CORR. 65	+.010	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	48	0	0	0	41	S	.0958					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0905P @ 2Sec./ 1955 @ 2Sec./ ± Sec.

2/52/0600 - 22ND

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	CLR	20			119	46	31	00	00		993	210	WRG
SA	0152	CLR	20			122	47	26	01	07		994		WRG
SA	0250	CLR	20			128	45	25	11	06		995		WRG
SA	0355	CLR	20			131	42	25	01	05		996	108 42 RADAT 64078	DC
SA	0454	CLR	20			136	44	27	05	10		998		DC
SA	0553	250 - BKN	20			144	43	26	07	05		999	FEW AC	DC
SA	0650	250 - SCT	20			150	46	26	06	04		001	215 1008	DC
SA	0752	250 - BKN	20			155	50	25	04	09		003		DC
SA	0853	250 - BKN	20			155	53	24	02	10		003		DC
SA	0952	250 - OVC	20			158	57	21	36	07		004	208 1007 40	DC
SA	1056	E 250 OVC	20			157	59	18	28	04		004		DC
SA	1156	E 200 OVC	20			152	61	14	27	06		003		DC
SA	1251	E 200 OVC	20			149	62	8	22	03		001	808 1002	DC
SA	1354	E 200 OVC	20			145	64	14	20	08		001		DC
SA	1446	E 200 OVC	20			148	62	17	21	08		001		DC
SA	1552	E 230 BKN	20			146	61	17	24	05		999	803 1002 64 RADAT 63113	WRG
SA	1652	120 SCT E 230 BKN	20			150	59	16	24	07		001		WRG
SA	1752	120 SCT 230 - BKN	20			156	55	15	00	00		002		WRG
SA	1852	CLR	20			163	48	18	04	06		003	210 1001	WRG
SA	1952	CLR	20			165	48	18	06	05		004		WRG
SA	2050	CLR	20			167	47	19	11	04		005		WRG
SA	2152	CLR	20			169	47	18	00	00		006	210 64	WRG
SA	2252	CLR	20			168	47	20	00	00		006		WRG
SA	2352	CLR	20			164	44	20	00	00		005		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 22

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.530				0															0	2	.030			00-01
0152	26.540				0															0					01-02
0250	26.550				0															0					02-03
0355	26.555				0															0	1	.025			03-04
0454	26.570				0															0					04-05
0553	26.580				9															1					05-06
0650	26.600				1	1	CS	250												0	2	.045			06-07
0752	26.620				6															1					07-08
0853	26.620				8															4					08-09
0952	26.625				10	10	CS	250												2	2	.025			09-10
1056	26.625				10															7					10-11
1156	26.615				10															8					11-12
1251	26.600				10	10	CI	E200												9	8	.025			12-13
1354	26.600				10															7					13-14
1446	26.600				10															8					14-15
1552	26.590				9	9	CI	E230												7	8	.010			15-16
1652	26.600				9															7					16-17
1752	26.610				8															4					17-18
1852	26.620				0	0	CI	230												0	2	.030			18-19
1952	26.630				0															0					19-20
2050	26.640				0															0					20-21
2152	26.650				0															0	2	.030			21-22
2252	26.650				0															0					22-23
2352	26.640				0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. 70 0343	X	0	0	X	49	42	X	X						X		
	0349	1	0	0	0	50	42		0								
	0946	2	0	0	0	57	40		0								
	1548	3	0	0	0	64	57		0								
	2148	4	0	0	0	61	47		0								
	MID.	X	0	0	0	47	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.625	26.590	26.650
BAROGRAPH 64	26.545	26.625	26.590	26.640
BAR. CORR. 65	+.010	±0	±0.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	40	0	0	0	14	NE	0759					9	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0705 @2 Sec./ 2102 @2 Sec./ ± Sec.

SP=

RS=

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE 1985 OCT 23

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			164	43	20	00	00		005	603	WRG
SA	0152	CLR	20			164	41	20	02	04		005		WRG
SA	0250	CLR	20			165	42	20	11	05		005		WRG
SA	0357	CLR	20			165	42	17	10	04		005	400 41 RADAT 47130	DC
SA	0450	CLR	20			171	40	18	12	03		007		DC
SA	0556	CLR	20			176	41	18	11	04		008		DC
SA	0650	CLR	20			188	44	18	13	03		010	314	DC
SA	0751	CLR	20			190	50	18	00	00		012		DC
SA	0850	CLR	20			189	58	17	00	00		013		DC
SA	0956	CLR	20			185	63	14	24	04		012	007 39	DC
SA	1053	CLR	20			183	67	11	24	05		012		DC
SA	1156	CLR	20			171	70	8	31	03		009		DC
SA	1256	CLR	20			159	73	11	24	06		005	820	DC
SA	1353	CLR	20			160	72	12	18	07		005		DC
SA	1457	CLR	20			155	73	13	22	07		004		DC
SA	1553	CLR	20			156	72	11	23	07		005	~~103~~ 603 73 RADAT 51128	SEA
SA	1653	CLR	20			158	69	13	20	04		005	FEW SC DSNT NW	SEA
SA	1753	CLR	20			170	61	15	00	00		007	FEW SC DSNT NW	SEA
SA	1853	CLR	20			175	56	18	09	04		008	310	SEA
SA	1954	CLR	20			175	54	19	09	03		009		SEA
SA	2054	CLR	20			177	51	19	00	00		010		SEA
SA	2154	CLR	20			178	53	19	00	00		012	310 73	SEA
SA	2251	CLR	20			176	51	21	00	00		012		SEA
SA	2355	CLR	20			175	50	22	00	00		012		SEA

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 OCT 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	52	26.640				0														0	6	.010			00-01
01	52	26.640				0														0					01-02
02	50	26.640				0														0					02-03
03	57	26.640				0														0	4	.000			03-04
04	50	26.650				0														0					04-05
05	56	26.660				0														0					05-06
06	50	26.680				0														0	3	.040			06-07
07	51	26.695				0														0					07-08
08	50	26.705				0														0					08-09
09	56	26.700				0														0	0	.020			09-10
10	53	26.700				0														0					10-11
11	56	26.670				0														0					11-12
12	56	26.640				0														0	8	.060			12-13
13	53	26.640				0														0					13-14
14	57	26.630				0														0					14-15
15	53	26.630				0														0	6	.010			15-16
16	53	26.630				0														0					16-17
17	53	26.650				0														0					17-18
18	53	26.660				0														0	3	.030			18-19
19	54	26.665				0														0					19-20
20	54	26.680				0														0					20-21
21	54	26.690				0														0	3	.030			21-22
22	51	26.690				0														0					22-23
23	55	26.690				0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	45	41	X	X						X		
	0350	1	0	0	0	47	41		0								
	0950	2	0	0	0	63	39		0								
	1550	3	0	0	0	73	63		0								
	2150	4	0	0	0	72	50		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.700	26.630	26.690
BAROGRAPH 64	26.630	26.695	26.625	26.680
BAR. CORR. 65	+.010	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
73	39	0	0	0	12	SW	1455					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0852 @2Sec./1840PST @2Sec./ ± Sec.

1553/2244

SP=

RS=

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 24 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0053	CLR	20			177	51	19	01	05		013	303	SEA
SA	0154	CLR	20			173	49	22	01	03		012		SEA
SA	0253	CLR	20			175	47	22	24	03		012		SEA
SA	0353	CLR	20			174	48	23	05	04		011	805 47 RADAT S2126	RD
SA	0451	CLR	20			176	50	22	03	03		011		RD
SA	0554	CLR	20			182	51	20	02	04		011		RD
SA	0651	CLR	20			185	54	22	36	04		012	305	RD
SA	0750	CLR	20			186	63	25	12	03		014		RD
SA	0852	CLR	20			187	68	27	02	08		014		RD
SA	0953	CLR	20			180	73	24	33	03		013	003 47	RD
SA	1051	CLR	20			176	75	25	25	03		013		RD
SA	1151	CLR	20			166	78	27	20	03		010		RD
SA	1253	CLR	20			156	79	27	28	05		007	717	RD
SA	1352	CLR	20			151	80	29	20	05		005		RD
SA	1450	CLR	20			149	79	29	15	06		004		RD
SA	1556	CLR	20			142	79	30	14	05		003	CI SW-W/ 714 1001 82	SEA
/	/											/	RADAT 47125	/
SA	1655	250-SCT	20			146	74	31	19	05		004		SEA
SA	1754	250-SCT	20			154	67	30	08	03		005		SEA
SA	1857	250-SCT	20			156	61	30	08	04		005	207 1001	SEA
SA	1956	250-BKN	20			155	59	31	00	00		006		SEA
SA	2053	250-BKN	20			152	57	31	04	03		006		SEA
SA	2155	250-BKN	20			155	55	31	12	04		007	305 1008 82	SEA
SA	2255	250-SCT	20			153	54	32	05	03		007		SEA
SA	2352	250-SCT	20			151	52	31	09	04		006		SEA

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 24 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.700				0															0	3	.010			00-01
01 54	26.690				0															0					01-02
02 53	26.690				0															0					02-03
03 53	26.685				0															0	8	.015			03-04
04 51	26.670				0															0					04-05
05 54	26.670				0															0					05-06
06 51	26.700				0															0	3	.015			06-07
07 50	26.715				0															0					07-08
08 52	26.720				0															0					08-09
09 53	26.710				0															0	0	.010			09-10
10 51	26.705				0															0					10-11
11 51	26.680				0															0					11-12
12 53	26.655				0															0	7	.005			12-13
13 52	26.640				0															0					13-14
14 50	26.630				0															0					14-15
15 56	26.615				0	0	CI	250												0	7	.040			15-16
16 55	26.620				1															0					16-17
17 54	26.630				1															0					17-18
18 57	26.635				5	5	CI	250												0	2	.020			18-19
19 56	26.640				9															1					19-20
20 55	26.640				9															1					20-21
21 55	26.650				9	9	CS	250												1	3	.015			21-22
22 55	26.645				4															0					22-23
23 52	26.640				3															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		52	47										
	0348	1	0	0	0	53	47		0								
	0944	2	0	0	0	73	48		0								
	1550	3	0	0	0	82	73		0								
	2151	4	0	0	0	79	55		0								
	MID.		0	0	0	56	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.710	26.615	26.600
BAROGRAPH 64	26.680	26.710	26.610	26.635
BAR. CORR. 65	+.005	±0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	+AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	47	0	0	0	11	S	1337					0	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0827 @ 2 Sec./2305 PST @ 2 Sec./ ± Sec.

SP=

RS=

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 25 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0059	250-SCT	20			150	52	31	10	03		006	603 1001	SEA
SA	0155	CLR	20			148	51	31	11	04		005	FEW CI	SEA
SA	0253	CLR	20			146	52	31	11	05		005	FEW CI	SEA
SA	0355	CLR	20			148	50	31	11	04		005	502 10048 RAOAT 47123	RD
SA	0452	CLR	20			155	49	31	15	05		005		RD
SA	0554	CLR	20			160	46	31	34	03		005		RD
SA	0654	CLR	20			160	51	33	07	03		005	102 1001	RD
SA	0754	250 -SCT	20			165	60	32	00	00		008		RD
SA	0850	250 -SCT	20			161	66	32	28	03		007		RD
SA	0955	250 -SCT	20			154	72	32	00	00		006	002 1001 76	RD
SA	1052	250 -SCT	20			146	75	30	32	04		004		RD
SA	1153	250 -SCT	20			138	76	30	24	07		002		RD
SA	1256	250 -SCT	20			126	78	30	24	08		999	722 1001	RD
SA	1351	250 -SCT	20			122	78	29	24	10		997		RD
SA	1451	250 -SCT	20			120	78	29	26	10		997		RD
SA	1557	250 SCT	20			117	77	30	25	07		996	610 1002 79 RAOAT 20125	SEA
SA	1655	CLR	20			119	73	30	27	03		995	FEW CI	SEA
SA	1752	CLR	20			133	62	30	04	05		997	FEW CI	SEA
SA	1857	CLR	20			133	59	30	08	05		998	FEW CI SE/ 305 1002	SEA
SA	1954	CLR	20			135	56	30	07	03		999	FEW CI DSNT SE	SEA
SA	2057	CLR	20			132	56	30	00	00		999		SEA
SA	2153	CLR	20			130	54	30	00	00		999	105 79	SEA
SA	2255	CLR	20			132	54	30	11	04		000		SEA
SA	2350	CLR	20			131	56	28	36	04		000		SEA

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

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

SUPERSEDES MF1-10A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 25 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.640				1	1	Cl	250												0	6	.010			00-01
01 55	26.635				0															0					01-02
02 53	26.690				0															0					02-03
03 55	26.685				0	0	Cl	250												0	5	.005			03-04
04 52	26.640				0															0					04-05
05 54	26.640				0															0					05-06
06 54	26.640				0	0	Cl	250												0	1	.005			06-07
07 54	26.660				1															0					07-08
08 50	26.655				1															0					08-09
09 55	26.645				1	1	Cl	250												0	0	.005			09-10
10 52	26.630				1															0					10-11
11 53	26.605				1															0					11-12
12 56	26.580				1	1	Cl	250												0	7	.065			12-13
13 51	26.565				2															0					13-14
14 51	26.560				2															0					14-15
15 57	26.550				1	1	Cl	250												1	6	.030			15-16
16 55	26.545				0															0					16-17
17 52	26.560				0															0					17-18
18 57	26.565				0	0	Cl	250												0	3	.015			18-19
19 54	26.580				0															0					19-20
20 57	26.580				0															0					20-21
21 53	26.580				0															0	1	.015			21-22
22 55	26.590				0															0					22-23
23 50	26.590				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	52	48	X	X						X		
	0348	1	0	0	0	56	48		0								
	0948	2	0	0	0	72	46		0								
	1553	3	0	0	0	79	72		0								
	2157	4	0	0	0	77	54		0								
	MID.	X	0	0	0	57	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1557	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.645	26.550	26.580
BAROGRAPH 64	26.620	26.645	26.535	26.580
BAR. CORR. 65	+.015	0	+.005	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	46	0	0	0	13	SW	1340					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0756 ⊕2 Sec./ 2322 PST ⊕2 Sec./ ± Sec.

Change Microbarograph at 0954 LST

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 26 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (18)
SA	0053	CLR	20			132	51	30	02	04		000	103	SEA
SA	0154	CLR	20			133	49	30	00	00		000		SEA
SA	0250	CLR	20			133	50	30	00	00		000		SEA
SA	0337	CLR	20			129	48	30	35	04		999	803 48 RADAT 20124	RD
SA	0455	CLR	20			134	49	30	00	60		999		RD
SA	0551	CLR	20			144	48	29	08	03		000		RD
SA	0653	CLR	20			145	52	31	00	00		001	207	RD
SA	0755	CLR	20			148	61	31	31	04		003		RD
SA	0851	CLR	20			147	67	30	03	08		003		RD
SA	0952	CLR	20			146	72	30	04	12		003	107 45	RD
SA	1052	CLR	20			137	75	31	02	06		002		RD
SA	1151	CLR	20			125	78	30	11	09		999		RD
SA	1252	CLR	20			120	79	28	15	07		997	720	RD
SA	1353	CLR	20			117	80	28	14	08		996		RD
SA	1450	CLR	20			112	80	29	13	07		994		RD
SA	1552	CLR	20			113	79	28	14	08		995	607 81 RADAT 20134	SEA
SA	1654	CLR	20			117	73	29	12	07		995		SEA
SA	1753	CLR	20			129	67	28	11	04		997		SEA
SA	1853	CLR	20			135	64	28	00	00		999	314	SEA
SA	1952	CLR	20			134	60	29	00	00		000		SEA
SA	2056	CLR	20			134	59	28	00	00		000		SEA
SA	2152	CLR	20			136	55	29	05	03		002	207 81	SEA
SA	2255	CLR	20			135	54	28	33	04		002		SEA
SA	2355	CLR	20			133	56	28	00	00		002		SEA

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 26 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.590				0															0	1	.010			00-01
01 54	26.590				0															0					01-02
02 50	26.590				0															0					02-03
03 57	26.550				0															0	8	.010			03-04
04 55	26.585				0															0					04-05
05 51	26.590				0															0					05-06
06 53	26.600				0															0	2	.020			06-07
07 55	26.615				0															0					07-08
08 51	26.620				0															0					08-09
09 52	26.620				0															0	1	.020			09-10
10 52	26.605				0															0					10-11
11 51	26.580				0															0					11-12
12 52	26.560				0															0	7	.060			12-13
13 53	26.555				0															0					13-14
14 50	26.540				0															0					14-15
15 54	26.540				0															0	6	.020			15-16
16 54	26.540				0															0					16-17
17 53	26.560				0															0					17-18
18 53	26.580				0															0	3	.040			18-19
19 52	26.585				0															0					19-20
20 56	26.590				0															0					20-21
21 52	26.600				0															0	2	.020			21-22
22 55	26.600				0															0					22-23
23 55	26.600				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		58	48										
	0350	1	0	0	0	58	48		0								
	0948	2	0	0	0	72	45		0								
	1552	3	0	0	0	81	72		0								
	2150	4	0	0	0	79	55		0								
	21 50 MID.		0	0	0	56	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0951	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.620	26.540	26.600
BAROGRAPH 64	26.575	26.620	26.530	26.580
BAR. CORR. 65	+.005	0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	45	0	0	0	16	NE	0924					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1017P @ 2-Sec./ 2349PST @ 2-Sec./ ± Sec.

✓ LAST OF SEVERAL OCCURRANCES

SP=

RS=

MF 1-10A (5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 27 OCT 1985

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METEOR. (15)
SA	0051	CLR	20			135	53	29	10	03		002	400	SEA
SA	0153	CLR	20			134	53	28	35	03		002		SEA
SA	0258	CLR	20			134	53	28	00	00		002		SEA
SA	0349	CLR	20			134	54	29	14	03		001	400 51 RADAT 25125	AO
SA	0449	CLR	20			137	51	28	06	06		001		AO
SA	0549	CLR	20			140	53	30	12	04		001		AO
SA	0649	CLR	20			145	54	30	60	00		002	303	AO
SA	0749	CLR	20			150	66	31	03	08		004		AO
SA	0849	CLR	20			147	71	31	11	03		004		AO
SA	0949	CLR	20			146	74	31	00	00		004	107 51	AO
SA	1049	CLR	20			138	77	30	17	08		002		AO
SA	1149	CLR	20			130	79	30	12	07		000		AO
SA	1249	CLR	20			123	80	31	13	04		998	720	AO
SA	1349	CLR	20			119	80	31	25	10		996		AO
SA	1449	CLR	20			115	80	31	20	13		995		AO
SA	1555	CLR	20			111	79	28	27	09		994	710 81 RADAT 38116	008
SA	1650	CLR	20			114	74	28	26	07		994		008
SA	1755	CLR	20			121	68	30	08	04		995		008
SA	1850	CLR	20			129	68	30	11	05		997	310	008
SA	1956	CLR	20			123	65	30	11	05		997		008
SA	2051	CLR	20			123	60	31	10	04		997		008
SA	2155	CLR	20			127	58	30	11	03		998	303 81	008
SA	2257	CLR	20			126	54	29	28	04		998		008
SA	2355	200 SCT	20			121	55	30	05	03		997		008

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 27 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.600				0															0	4	.000			00-01
01 53	26.600				0															0					01-02
02 58	26.600				0															0					02-03
03 49	26.600				0															0	4	.000			03-04
04 49	26.600				0															0					04-05
05 49	26.600				0															0					05-06
06 49	26.610				0															0	3	.010			06-07
07 49	26.630				0															0					07-08
08 49	26.630				0															0					08-09
09 49	26.630				0															0	1	.020			09-10
10 49	26.610				0															0					10-11
11 49	26.590				0															0					11-12
12 49	26.570				0															0	7	.060			12-13
13 49	26.560				0															0					13-14
14 49	26.550				0															0					14-15
15 55	26.540				0															0	7	.030			15-16
16 50	26.540				0															0					16-17
17 55	26.550				0															0					17-18
18 50	26.570				0															0	3	.030			18-19
19 56	26.570				0															0					19-20
20 51	26.570				0															0					20-21
21 55	26.580				0															0	3	.010			21-22
22 57	26.575				0															0					22-23
23 55	26.570				2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		58	51										
	0345	1	0	0	0	56	51		0								
	0945	2	0	0	0	74	51		0								
	1550	3	0	0	0	81	74		0								
	2153	4	0	0	0	79	55		0								
	MID.		0	0	0	58	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.540	26.580
BAROGRAPH 64	26.580	26.620	26.535	26.570
BAR. CORR. 65	+.020	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	51	0	0	0	16	S	1501					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1235P @2 Sec./ 1849P @2 Sec./ ± Sec.

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0054	200 SCT	20			127	53	30	23	03		998	500 1002	008
SA	0153	200 - BKN	20			123	53	30	35	03		997		008
SA	0250	200 - OVC	20			124	54	30	21	03		998		008
SA	0349	E 200 OVC	20			120	53	31	09	06		996	707 1007 52 RADAT 20125	AO
SA	0449	E 200 OVC	20			121	54	30	00	00		996		AO
SA	0549	E80 BKN 160 BKN 200 OVC	20			125	52	32	00	00		996		AO
SA	0649	80 SCT E160 BKN 200 OVC	20			132	53	32	18	06		998	307 1528	AO
SA	0749	80 SCT 160 SCT E 200 BKN	20			136	58	32	00	00		999		AO
SA	0849	80 SCT 160 SCT E 200 BKN	20			133	68	33	13	05		999		AO
SA	0949	80 SCT E160 BKN 200 OVC	20			137	68	33	09	04		001	207 1528 51	AO
SA	1049	80 SCT E150 BKN 200 OVC	20			137	71	33	00	00		001		AO
SA	1149	80 SCT 150 SCT E 200 OVC	20			137	73	33	00	00		001	4	AO
SA	1249	80 SCT 150 SCT E 200 BKN	20			121	75	31	20	04		996	817 1522	AO
SA	1349	80 SCT 150 SCT 200 - BKN	20			120	77	30	00	00		996		AO
SA	1449	150 SCT 200 - BKN	20			120	77	31	28	03		996		AO
SA	1558	80 SCT 150 SCT E 200 BKN	20			113	77	30	04	04		994	807 1422 78 RADAT 35111	008
SA	1655	80 SCT 150 SCT E 200 BKN	20			114	72	33	13	08		994		008
SA	1754	150 SCT 200 - BKN	20			118	66	33	14	07		996		008
SA	1853	150 SCT 200 - BKN	20			128	63	33	08	08		~~996~~ ~~001~~	~~307~~ ~~320~~ 1072	008
SA	1955	150 SCT 200 - BKN	20			125	61	33	04	03		996 ~~001~~	COR (0402)	008
SA	2054	150 SCT 200 - SCT	20			130	55	32	09	03		998		008
SA	2151	150 SCT 200 - SCT	20			133	54	32	36	03		998	307 1031 78	008
SA	2255	200 - SCT	20			132	54	32	12	03		999		008
SA	2353	200 - SCT	20			140	50	32	09	03		001		008

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 OCT 1985

To convert LST to GMT ADD 4 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.580				2	2	ci	200												2	5	.000			00-01
01 53	26.570				7															3					01-02
02 50	26.575				10															4					02-03
03 49	26.560				10	10	CS	E200												7	7	.020			03-04
04 49	26.560				10															8					04-05
05 49	26.560				10															10					05-06
06 49	26.580				10	3	Sc	80	3	AS	E160	6	4	CS	200	10				10	3	.020			06-07
07 49	26.590				9															7					07-08
08 49	26.590				9															7					08-09
09 49	26.600				10	2	Sc	80	4	AS	E160	6	4	CS	200	10				9	2	.020			09-10
10 49	26.600				10															9					10-11
11 49	26.600				10															9					11-12
12 49	26.560				9	2	Sc	80	2	AS	150	4	5	CI	E200	9				8	8	.040			12-13
13 49	26.560				9															4					13-14
14 49	26.560				9															4					14-15
15 58	26.540				8	2	Sc	80	2	AS	150	4	4	ci	E200	8				6	8	.020			15-16
16 55	26.540				8															6					16-17
17 54	26.555				7															3					17-18
18 53	26.560				6	2	AC	150	4	ci	200	6								3	3	.020			18-19
19 55	26.560				6															3					19-20
20 54	26.575				5															2					20-21
21 51	26.580				3	1	AC	150	2	ci	200	3								1	3	.020			21-22
22 55	26.585				2															1					22-23
23 53	26.600				2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	55	52	X	X						X		
	0345	1	0	0	0	58	52		0								
	0445	2	0	0	0	69	51		0								
	1556	3	0	0	0	78	68		0								
	2149	4	0	0	0	77	54		0								
	2149 MID	X	0	0	0	54	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1559	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.540	26.580
BAROGRAPH 64	26.560	26.580	26.540	26.580
BAR. CORR. 65	Ø	+.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	50	0	0	0	11	SE	1800					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 SUNSET

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

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

TIME CHECK-CLOCK AT: 1015P @2Sec./ 1658P @2Sec./ ± Sec.

1853/1853 1249/APP 814/1120 10-31

1955/2002

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INDICATORS (18)
SA	0052	200 - SCT	20			137	51	32	07	03		001	107 1001	008
SA	0151	200 - SCT	20			134	49	32	06	03		999		008
SA	0250	200 - SCT	20			133	50	32	35	03		999		008
SA	0349	200 - SCT	20			140	53	32	02	03		002	303 1001 49 RADAT 33112	AO
SA	0449	200 - SCT	20			144	47	31	00	00		002		AO
SA	0549	CLR	20			145	50	32	00	00		002		AO
SA	0649	CLR	20			148	52	33	04	04		002	400	AO
SA	0749	CLR	20			156	59	32	00	00		005		AO
SA	0849	CLR	20			155	68	32	36	06		005		AO
SA	0949	CLR	20			156	72	33	36	02		007	114 49	AO
SA	1049	CLR	20			155	74	33	33	03		007		AO
SA	1149	CLR	20			155	76	32	23	08		007		AO
SA	1249	200 - SCT	20			140	76	31	21	08		002	814 1001	AO
SA	1349	200 - SCT	20			138	76	30	25	11		001		AO
SA	1449	200 - SCT	20			133	77	30	23	10		000		AO
SA	1555	200 - SCT	20			129	75	29	24	07		998	710 1001 77 RADAT 20120	008
SA	1654	200 - SCT	20			134	70	28	30	03		998		008
SA	1750	200 - SCT	20			138	61	28	04	05		998		008
SA	1851	200 - SCT	20			141	59	28	11	04		999	303 1001	008
SA	1955	200 - SCT	20			141	55	28	13	03		999		008
SA	2050	200 - SCT	20			140	54	27	01	04		001		008
SA	2155	200 - SCT	20			140	52	27	07	04		001	103 1001 77	008
SA	2258	200 - SCT	20			139	50	27	08	03		001		008
SA	2355	200 - SCT	20			139	49	27	03	03		001		008

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

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

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR. 41
00 52	26.600				1	1	ci	200												0	1	.020			00-01
01 51	26.590				1															0					01-02
02 50	26.580				1															0					02-03
03 49	26.610				1	1	CI	200												0	3	.010			03-04
04 49	26.610				1															0					04-05
05 49	26.610				0															0					05-06
06 49	26.610				0															0	4	.000			06-07
07 49	26.640				0															0					07-08
08 49	26.640				0															0					08-09
09 49	26.650				0															0	1	.040			09-10
10 49	26.650				0															0					10-11
11 49	26.650				0															0					11-12
12 49	26.610				1	1	CI	200												0	8	.040			12-13
13 49	26.600				2															0					13-14
14 49	26.590				3															0					14-15
15 55	26.580				2	2	ci	200												1	7	.030			15-16
16 54	26.580				2															1					16-17
17 50	26.580				2															1					17-18
18 51	26.590				2	2	ci	200												1	3	.010			18-19
19 55	26.590				2															1					19-20
20 50	26.600				4															2					20-21
21 55	26.600				5	5	ci	200												2	1	.010			21-22
22 58	26.600				2															1					22-23
23 55	26.600				1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	49	X	X						X		
	0345	1	0	0	0	54	49		0								
	0945	2	0	0	0	72	47		0								
	1553	3	0	0	0	77	72		0								
	2152	4	0	0	0	75	52		0								
	2152 MID.	X	0	0	0	52	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.580	26.600
BAROGRAPH 64	26.600	26.640	26.565	26.595
BAR. CORR. 65	+.010	+.010	+.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	49	0	0	0	15	W	1331					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0955 +02 ± Sec./ 1701 P +2 Sec./ ± Sec.

SP=

RS=

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 30 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0053	200 SCT	20			138	49	28	06	05		001	400 1001	008
SA	0155	200 SCT	20			130	47	28	34	03		998		008
SA	0258	200 SCT	20			128	47	27	06	04		997		008
SA	0349	200 SCT	20			125	49	27	06	03		997	610 1001 46 RADAT 20125	AD
SA	0449	200 SCT	20			127	47	27	00	00		997		AD
SA	0549	200 - SCT	20			130	44	28	00	00		996		AD
SA	0649	200 - SCT	20			138	50	29	00	00		998	303 1004	AD
SA	0749	200 - SCT	20			141	55	29	00	00		999		AD
SA	0849	200 - BKN	20			134	63	29	25	05		998		AD
SA	0949	200 - BKN	20			125	69	27	00	00		996	807 1006 43	AD
SA	1049	200 - BKN	20			112	71	26	22	06		993		AD
SA	1149	200 - OVC	20			101	73	25	26	07		990		AD
SA	1249	200 - OVC	20			086	74	25	25	09		985	734 1004	AD
SA	1349	200 - BKN	20			078	74	23	25	12		983		AD
SA	1449	160 SCT E200 BKN	20			070	76	20	22	14		981		AD
SA	1555	150 SCT E 200 BKN	20			063	74	20	20	12 G17		979	720 1036 76 RADAT 46124	008
SA	1652	150 SCT E 200 BKN	20			062	70	21	20	10		978		008
SA	1754	150 SCT E 200 BKN	20			063	66	22	22	03		976		008
SA	1850	150 SCT E 200 BKN	20			059	65	22	06	04		976	708 1036	008
SA	1957	E 200 OVC	20			053	67	23	21	05		975	MOON DMLY VSAL	008
SA	2050	E 200 OVC	20			047	65	23	33	06		975	BINOVC	008
SA	2155	E 200 OVC	20			051	63	22	36	05		976	302 1006 76	008
SA	2256	E 200 OVC	20			045	62	23	01	04		975		008
SA	2355	100 SCT E 200 BKN	20			045	58	23	34	05		975		008

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 30 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.600				1	1	ci	200												1	4	.000			00-01
01 55	26.575				1															1					01-02
02 58	26.570				1															1					02-03
03 49	26.570				1	1	ci	200												1	6	.030			03-04
04 49	26.570				1															1					04-05
05 49	26.560				1															0					05-06
06 49	26.580				3	3	ci	200												0	3	.010			06-07
07 49	26.590				5															0					07-08
08 49	26.580				8															1					08-09
09 49	26.560				9	9	ci	200												3	8	.020			09-10
10 49	26.530				9															3..					10-11
11 49	26.500				10															4					11-12
12 49	26.460				10	10	ci	200												4	7	.100			12-13
13 49	26.440				8															2					13-14
14 49	26.420				8															5					14-15
15 55	26.400				9	4	AC	150	5	ci	6200	9								8	7	.060			15-16
16 52	26.390				9															8					16-17
17 54	26.380				7															6					17-18
18 50	26.375				6	1	AC	150	5	ci	6200	6								5	7	.025			18-19
19 57	26.370				10															8					19-20
20 50	26.365				10															8					20-21
21 55	26.380				10	10	ci	6200												9	3	.005			21-22
22 56	26.365				10															9					22-23
23 55	26.365				7															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	49	46	X	X						X		
	0345	1	0	0	0	57	46		0								
	0945	2	0	0	0	67	43		0								
	1553	3	0	0	0	76	67		0								
	2154	4	0	0	0	74	63		0								
	MID.	X	0	0	0	63	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.560	26.400	26.380
BAROGRAPH 64	26.550	26.550	26.375	26.360
BAR. CORR. 65	+.020	+.010	+.025	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	43	0	0	0	20	SW	1451					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1015P @2 Sec./ 1654P @2 Sec./ ± Sec.

SP=

RS=

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 31 OCT 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	100 SCT E 200 BKN	20			045	62	23	04	05		975	503 1036	008
SA	0150	100 SCT E 200 BKN	20			050	59	24	25	03		976		008
SA	0250	100 SCT E 200 BKN	20			045	63	33	05	14		976		008
SA	0353	100 SCT 200 SCT	20			058	61	23	02	12		978	2101102 57 RADAT 59100	CRD
SA	0450	200 SCT	20			066	58	19	03	10		981		CRD
SA	0550	CLR	20			075	55	17	04	10		982	FEW Cu Ci	CRD
SA	0653	CLR	20			083	56	17	05	10		984	217 1101	CRD
SA	0752	CLR	20			091	58	17	06	14		987		CRD
SA	0850	CLR	20			090	62	18	36	10 G 24		987		CRD
SA	0951	CLR	20			095	64	14	02	17 G 23		988	314 54	CRD
SA	1052	CLR	20			090	66	14	03	13 G 21		987		CRD
SA	1159	CLR	20			089	67	12	36	12		986		CRD
SA	1250	CLR	20			080	68	11	35	25 G 23		985	712	CRD
SA	1352	CLR	20			080	68	4	03	16 G 21		984		CRD
SA	1450	CLR	20			074	69	7	04	14 G 19		983		CRD
SA	1553	CLR	20			075	68	6	04	14		983	605 1001 69 RADAT 20101	HS
SA	1653	CLR	20			082	65	10	06	07		984		HS
SA	1750	CLR	20			091	59	11	06	09		986		HS
SA	1850	CLR	20			094	57	13	05	09		987	210 1001	HS
SA	1953	250 - SCT	20			107	54	14	06	08		990		HS
SA	2050	CLR	20			110	52	14	04	09		991		HS
SA	2155	CLR	20			111	53	13	06	10		992	117 69	HS
SA	2250	CLR	20			118	54	14	09	02		994		HS
SA	2350	CLR	20			117	54	15	03	08		994		HS

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

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

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

☆U.S.GPO:1984-0-764-005/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 31 OCT 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.370				7	2	AC	100	5	Ci	6200	7								6	5	.010			00-01
01 50	26.380				7															6					01-02
02 50	26.375				6															5					02-03
03 53	26.400				3	1	Cu	100	2	Ci	200	3								3	2	.030			03-04
04 50	26.415				1															1					04-05
05 50	26.430				0															0					05-06
06 53	26.450				0	0	Cu	100	0	Ci	200	0								0	2	.050			06-07
07 52	26.480				0															0					07-08
08 50	26.480				0															0					08-09
09 51	26.490				0															0	3	.040			09-10
10 52	26.480				0															0					10-11
11 59	26.470				0															0					11-12
12 50	26.455				0															0	7	.035			12-13
13 52	26.450				0															0					13-14
14 50	26.440				0															0					14-15
15 53	26.440				0	0	Ci	250												0	6	.015			15-16
16 53	26.450				0															0					16-17
17 50	26.460				0															0					17-18
18 50	26.470				0	0	Ci	250												0	2	.030			18-19
19 53	26.500				2															0					19-20
20 50	26.510				0															0					20-21
21 55	26.520				0															0	1	.050			21-22
22 50	26.540				0															0					22-23
23 50	26.540				0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		64	57										
	0348	1	0	0	0	64	57		0								
	0949	2	0	0	0	64	54		0								
	1551	3	0	0	0	69	64		0								
	2152	4	0	0	0	68	51		0								
	MID.		0	0	0	56	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.490	26.440	26.520
BAROGRAPH 64	26.380	26.475	26.425	26.500
BAR. CORR. 65	+.020	+.015	+.025	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNOFFICIAL (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	51	0	0	0	29	N	0925					0			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0955 ± 2 Sec./ 1955P ± 2 Sec./ ± Sec.

0353/0353

1250/1250

SP=

RS=