WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, NV

MONTH: October YEAR: 1983

LATITUDE: 36° 37' N LONGITUDE: 116° 01' W GROUND ELEVATION (H): 3298 FT. STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED ~~(m.p.h.)~~ Knots	FASTEST MILE SPEED ~~(m.p.h.)~~ Knots	DIRECTION	~~SUNSHINE TOTAL (Mins.)~~ Ave. Stn. Press.	PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	67	52	60		5	0	0.19	0	0	8.0	20	S	26.54	31	8	RW+	86	85	46	69
2	70	48	59		6	0	0	0	0	5.3	11	S	26.60	83	1		80	53	32	82
3	74	49	62		3	0	0	0	0	4.7	12	NE	26.66	85	1		72	45	26	73
4	78	53	66		1	0	0	0	0	6.3	13	N	26.68	100	0		66	36	24	56
5	74	55	65		0	0	T	0	0	6.2	12	SW	26.68	42	6	RW-	64	62	37	70
6	80	50	65		0	0	0	0	0	5.2	17	SW	26.70	89	2		82	44	29	63
7	76	56	66		0	1	0	0	0	4.5	10	SW	26.63	11	10		78	43	49	76
8	79	54	67		0	2	0	0	0	5.5	15	SW	26.63	89	1		91	43	40	59
9	82	57	70		0	5	0	0	0	8.3	25	SW	26.63	82	4		72	45	24	46
10	80	53	67		0	2	0	0	0	4.5	14	N	26.70	87	1		68	45	27	22
11	79	59	69		0	4	0	0	0	8.7	19	N	26.80	100	0		35	27	15	27
12	82	52	67		0	2	0	0	0	7.8	25	NE	26.73	75	7		29	24	15	43
13	78	48	63		2	0	0	0	0	8.1	25	W	26.41	96	0		52	22	12	27
14	72	48	60		5	0	0	0	0	5.3	20	S	26.49	100	0		30	28	16	46
15	73	43	58		7	0	0	0	0	3.8	18	SW	26.57	61	9		61	22	20	48
16	75	45	60		5	0	0	0	0	4.2	11	S	26.60	94	2		68	28	24	50
17	74	52	63		2	0	0	0	0	4.6	12	SE	26.58	19	10		55	33	28	49
18	78	45	62		3	0	0	0	0	4.4	13	N	26.57	100	0		72	31	19	46
19	80	50	65		0	0	0	0	0	5.5	17	NW	26.55	100	0		49	24	17	32
20	81	48	65		0	0	0	0	0	5.2	13	NW	26.60	100	0		55	24	16	41
21	81	47	64		1	0	0	0	0	3.8	11	SW	26.72	68	4		53	24	18	43
22	80	47	64		1	0	0	0	0	5.8	12	SW	26.72	100	0		58	25	15	42
23	78	47	63		2	0	0	0	0	7.5	28	NE	26.60	76	3		50	22	13	38
24	75	56	66		0	1	0	0	0	12.7	30	NE	26.74	100	0		46	33	14	15
25	77	52	65		0	0	0	0	0	10.3	19	NE	26.88	100	0		21	22	20	32
26	80	52	66		0	1	0	0	0	8.5	21	E	26.75	100	0		31	23	15	33
27	79	50	65		0	0	0	0	0	5.8	12	SE	26.66	99	0		37	20	17	48
28	77	48	63		2	0	0	0	0	4.7	14	SW	26.75	76	8		56	32	32	60
29	77	49	63		2	0	0	0	0	4.3	11	SW	26.76	52	6		72	37	36	55
30	75	52	64		1	0	0	0	0	6.1	24	SW	26.68	54	6		65	44	35	50
31	71	50	61		4	0	0	0	0	5.0	18	SW	26.65	46	10		68	45	42	65
SUM	2382	1567	—	—	51	19	0.19	0	—	190.6	—	—	826.26	—	99	—	1822	1091	773	1506
AVG	76.8	50.5	—	—	—	—	—	—	—	6.1	FASTEST	DIRECTION	~~POSSIBLE~~	%		—	59	35	25	49
										MISC. →	30	NE	26.65	79	3.2	—				

TEMPERATURE DATA

AVERAGE MONTHLY 63.7
DEPARTURE FROM NORMAL -0.1
HIGHEST 82 ON 9
LOWEST 43 ON 15
NUMBER OF DAYS WITH -
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0
HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 51
DEPARTURE FROM NORMAL -70
SEASONAL TOTAL 58
DEPARTURE FROM NORMAL
COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 19
DEPARTURE FROM NORMAL -69
SEASONAL TOTAL 1699
DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.19 IN.
DEPARTURE FROM NORMAL IN.
GREATEST IN 24 HRS. 0.19 ON 1
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) 19
PARTLY CLOUDY (Scale 4-7) 6
CLOUDY (Scale 8-10) 6
WITH 0.01 INCH OR MORE PRECIP. 1
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 = thunder-storm
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 ~~SEA-LEVEL~~ Stn 26.935 IN. ON 25
LOWEST ~~SEA-LEVEL~~ 26.315 IN. ON 13

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 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	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	26.515	58.3	52.3	69	10	2	cu	30	5	sc	E70	7	10	CS	E50	10				9	0	.005			00-01
01 49	26.510	58.8	52.3	67	10															9					01-02
02 49	26.500	57.8	57.0	65	10															9					02-03
03 53	26.510	54.3	52.0	86	10	10	cu	E40												10	5	.005			03-04
04 50	26.520	55.0	51.2	78	10															10					04-05
05 52	26.530	55.1	51.3	79	10															10					05-06
06 48	26.540	54.7	53.0	90	10	10	cu	E40												10	2	.030			06-07
07 51	26.565	53.3	51.2	87	10															10					07-08
08 46	26.580	53.0	52.1	95	10															10					08-09
09 50	26.580	55.8	53.1	85	8	2	sc	15	3	sc	40	5	3	Ci	E250	8				7	1	.040			09-10
10 47	26.575	59.8	54.0	70	5															5					10-11
11 46	26.565	62.3	55.2	65	5															4					11-12
12 50	26.540	63.2	54.0	56	7	6	cu	E50	1	Ci	250	7								6	7	.040			12-13
13 50	26.530	64.8	54.3	52	8															8					13-14
14 50	26.540	65.4	52.4	42	6															6					14-15
15 49	26.530	64.2	52.4	46	8	5	cu	50	3	AC	E90	8								7	7	.010			15-16
16 50	26.530	65.0	52.8	52	7															7					16-17
17 45	26.535	60.1	50.6	53	4															4					17-18
18 50	26.540	57.4	50.0	62	2	1	cu	50	1	AC	90	2								2	3	.010			18-19
19 48	26.550	55.6	51.0	72	3															3					19-20
20 49	26.560	57.4	51.0	62	4															4					20-21
21 51	26.565	56.5	51.3	69	1	1	cu	50	0	AC	120	1								1	1	.025			21-22
22 46	26.570	56.0	50.1	66	1															1					22-23
23 48	26.570	55.6	49.2	64	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		.05	0		60	52										
	0346	1	.11	0	0	63	52		2								
	0945	2	.14	0	0	56	52		2								
	1546	3	0	0	0	67	56		1								
	2145	4	0	0	0	65	55		1								
	MID.		0	0	0	58	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.580	26.530	26.565
BAROGRAPH 64	26.515	26.590	26.540	26.565
BAR. CORR. 65	-.005	-.010	.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 UNHLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	52	.19	0	0	20	S	1724					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0310	0320			
RW+	0320	0326			
RW-	0326	0410			
RW-	0505	0920			

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: 0800P ±1 Sec./ 1900P ±1 Sec./ ± Sec.

0850P/0850P 1650P/1650P
0149P/59/0249P 6051P/1807/0249P

SP 0
RS 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 01

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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (10's of deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEQUENCE INDICATOR (14)
SA	0051	30 SCT E70 BKN 250 OVC	15			105	58	48	20	06		992	RE0756/ 00206 1807	SEA
SA	0149	E70 BKN 250 OVC	20			103	58	47	20	09		991		SEA
SA	0249	E70 OVC	20			100	58	46	25	05		990	OCNL LTG DSNT NE	SEA
SA	0353	E40 OVC	15		RW-	105	54	50	21	08		991	RB10/S0211 12// S2 20012	CRD
													RADAT 98092	
SA	0450	E40 BKN 100 OVC	20			111	55	48	24	06		992	TCU ALQDS RE10	CRD
SA	0552	E40 OVC	15		RW-	113	55	49	25	08		993	RBDS	CRD
SA	0648	E40 OVC	10		RW-	118	55	52	31	04		994	21005 12//	CRD
SA	0751	15 SCT 30 SCT E40 OVC	7		RW-	129	53	50	24	12		997	MTNS OBSCD ALQDS	CRD
SA	0846	15 SCT 30 SCT E40 OVC	10		RW-	137	53	51	22	06		998		CRD
SA	0950	15 SCT 40 SCT E250 OVC BKN	15			133	56	51	30	03		998	RE20/11414 1401 52	CRD
SA	1047	40 SCT 250 SCT	20			131	60	50	23	05		998		CRD
SA	1146	40 SCT 250 SCT	20			127	62	50	22	10		997		CRD
SA	1250	E50 BKN 250 BKN	20			118	63	47	22	08		994	TCU N-E/714 1201	CRD
SA	1350	E50 BKN	20			113	65	47	20	12		993	TCU ALQDS	CRD
SA	1450	50 SCT E80 BKN	20			117	65	42	19	14		994	TCU ALQDS	CRD
SA	1549	50 SCT E90 BKN	20			114	64	43	20	11	G18	993	TCU ALQDS RWU SE/	SEA
													703 1230 67 RADAT 74048	
SA	1650	50 SCT E90 BKN	20			115	63	45	19	12		993	CB E-SE MOVG N RWU SE	SEA
													~~CB E SE MOVG N RWU SE~~	
SA	1745	50 SCT 90 SCT	20			119	60	43	20	11		994		SEA
SA	1850	50 SCT 90 SCT	20			123	57	44	18	07		994	OCNL LTG DSNT ENE	SEA
													AND WSW/ 303 1130	
SA	1948	50 SCT	20			128	56	47	16	06		996		SEA
SA	2049	50 SCT	20			132	57	44	21	08		997		SEA
SA	2151	50 SCT 120 SCT	20			132	57	47	19	12		997	OCNL LTG DSNT WSW/	SEA
													108 1170 67	
SA	2246	50 SCT 120 SCT	20			132	56	45	22	05		998	OCNL DSNT LTG ENE AND NW	SEA
SA	2348	CLR	20			130	56	44	19	04		998	FEW CU/AC	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 02

To convert LST to GMT ADD 0 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	26.565	55.8	48.8	62	1	1	CU	60												1	0	.000			00-01
01 47	26.565	54.6	48.5	64	0															0					01-02
02 48	26.560	53.8	48.0	66	0															0					02-03
03 50	26570	51.0	47.9	80	0	0	CU	60												0	3	.005			03-04
04 50	26580	50.2	47.0	81	1															1					04-05
05 50	26600	48.5	46.2	85	0															0					05-06
06 50	26620	51.6	48.0	78	0	0	SC	60												0	2	.050			06-07
07 50	26630	56.7	49.8	63	0															0					07-08
08 50	26640	60.0	51.6	58	0															0					08-09
09 50	26650	61.7	51.9	53	1	1	CU	60												1	2	.030			09-10
10 50	26640	62.8	52.0	49	1															1					10-11
11 50	26620	65.0	52.0	42	2															2					11-12
12 50	26600	66.4	52.5	40	4	2	CU	60	2	CI	250	4								2	2	.050			12-13
13 50	26600	68.4	53.8	39	4															2					13-14
14 50	26584	70.0	54.0	35	3															2					14-15
15 50	26.570	68.4	52.0	32	1	0	CU	60	1	CI	250	1								1	8	.030			15-16
16 48	26.570	66.7	51.8	36	1															1					16-17
17 47	26.570	62.1	51.8	51	1															1					17-18
18 48	26.580	59.8	53.5	67	0	0	CU	60	0	CI	250	0								0	3	.010			18-19
19 49	26.590	59.8	52.3	62	0															0					19-20
20 46	26600	56.9	52.5	76	0															0					20-21
21 47	26.610	54.6	51.6	82	0	0	CU	60												0	2	.030			21-22
22 45	26.600	54.0	50.8	81	0															0					22-23
23 49	26.610	53.4	49.8	79	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	56	51	X	X						X		
	0346	1	0	0	0	58	51		0								
	0946	2	0	0	0	62	48		0								
	1545	3	0	0	0	70	62		0								
	2144	4	0	0	0	68	55		0								
	MID.	X	0	0	0	55	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26570	26650	26.570	26.610
BAROGRAPH 64	26570	26640	26.570	26.600
BAR. CORR. 65	±0	+.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	48	0	0	0	11	5	0028					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: 1252P @ / Sec. / 2200P @ / Sec. / ± Sec.

1050P/1050P 2147P/70/2245P

R50/S50

MF1-10B (1-82)

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 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. (Mb.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (90 - 36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0051	60 SCT	20			128	56	43	19	06		998	OCNL LTG DSNT E AND ~~SE~~	SEA
/	/											/	000 1100	/
SA	0147	CLR	20			128	55	43	23	05		998	FEW AC	SEA
SA	0248	CLR	20			125	54	43	29	04		997	FEW CU/AC	SEA
SA	0350	CLR	20			132	51	46	35	06		997	302 1100 51 20014	/
													RADAT 55090	~~WRG~~
SA	0450	60 SCT	20			141	50	44	32	04		999		WRG
SA	0550	CLR	20			147	49	44	06	07		001	FEW SC N	WRG
SA	0650	CLR	20			154	52	45	00	00		003	217 1400	WRG
SA	0750	CLR	20			158	57	44	26	06		004	FEW SC N	WRG
SA	0850	CLR	20			158	60	45	23	05		005	FEW CU SE AND NW	WRG
SA	0950	60 SCT	20			162	62	44	27	06		006	CU Bldg ALGBS 210	/
~~SA~~	~~1050~~	~~60 SCT~~	~~20~~			~~156~~	~~63~~	~~43~~	~~22~~	~~07~~		~~005~~	1200 48	WRG
SA	1050	60 SCT	20			156	63	43	22	07		005	TCU SE	WRG
SA	1150	60 SCT 250 SCT	20			148	65	41	19	09		003		WRG
SA	1250	60 SCT 250 - SCT	20			141	66	41	17	07		001	717 1101	WRG
SA	1350	60 SCT 250 - SCT	20			140	68	42	25	08		001	TCU N	WRG
SA	1450	60 SCT 250 SCT	20			132	70	41	23	10		998		WRG
SA	1550	250 SCT	20			130	68	38	28	05		997	810 1101 70 RADAT 60104	EP
SA	1648	250 SCT	20			130	67	39	23	05		997		EP
SA	1747	250 SCT	20			134	62	44	31	03		997		EP
SA	1848	CLR	20			138	60	49	10	04		998	303 1101	EP
SA	1949	CLR	20			138	60	47	09	05		999		EP
SA	2046	CLR	20			142	57	49	07	04		001		EP
SA	2147	CLR	20			146	55	49	03	03		002	210 1100 70	EP
SA	2245	CLR	20			142	54	48	02	04		001		EP
SA	2349	CLR	20			145	53	47	06	03		002		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 0 9

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 47	26.620	51.1	48.6	85	0															0	3	.010			00-01
01 47	26.620	50.7	48.0	83	0															0					01-02
02 50	26.610	55.5	48.5	61	0															0					02-03
03 50	26.630	52.8	48.1	72	0															0	3	.010			03-04
04 50	26.640	51.8	47.8	75	0															0					04-05
05 50	26.655	49.4	46.8	84	0															0					05-06
06 50	26.675	55.0	50.3	73	0															0	3	.045			06-07
07 50	26.680	60.3	51.0	54	0															0					07-08
08 50	26.690	63.0	52.8	52	0															0					08-09
09 50	26.690	66.5	54.0	45	1	1	CU	60	0	CI	250	1								1	1	.015			09-10
10 50	26.690	68.8	54.0	38	1															1					10-11
11 50	26.680	70.6	54.2	34	2															1					11-12
12 50	26.655	70.5	54.5	36	4	1	CU	60	3	CI	250	4								2	8	.035			12-13
13 50	26.650	72.2	54.8	33	3															2					13-14
14 50	26.640	72.5	54.3	30	3															2					14-15
15 48	26.630	73.5	53.6	26	1	1	CU	60												1	7	.025			15-16
16 48	26.630	72.0	52.5	26	0															0					16-17
17 45	26.640	69.8	53.4	34	0															0					17-18
18 48	26.650	64.3	52.5	46	0															0	3	.020			18-19
19 45	26.670	61.3	53.3	60	0															0					19-20
20 48	26.680	57.8	52.5	72	0															0					20-21
21 49	26.690	57.0	52.0	73	0															0	2	.040			21-22
22 45	26.690	57.5	51.1	66	0															0					22-23
23 47	26.690	57.7	50.7	63	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	51										
	0346	1	0	0	0	56	51		0								
	0946	2	0	0	0	67	49		0								
	1544	3	0	0	0	74	67		0								
	2145	4	0	0	0	74	57		0								
	MID.		0	0	0	58	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.690*	26.630	26.690
BAROGRAPH 64	26.625	26.690	26.640	26.690
BAR. CORR. 65	+.005	+.01*	-.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
74	49	0	0	0	12	NE	0717					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: 1054P @ 1 Sec./ 2230P @ 1 Sec./ ± Sec.

*0945 Barograph changed and Reset to 0

RS=0 / SP=0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 08

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SEQUENCE INDICATOR (14)
SA	0047	CLR	20			150	51	47	12	03		003	303	EP
SA	0147	CLR	20			149	51	46	00	00		003		EP
SA	0250	CLR	20			141	56	42	06	08		002		EP
SA	0350	CLR	20			151	53	44	34	04		004	303 51 RADAT 66100	WRG
SA	0450	CLR	20			156	52	44	04	07		005		WRG
SA	0550	CLR	20			166	49	45	00	00		007		WRG
SA	0650	CLR	20			172	55	47	00	00		009	315	WRG
SA	0750	CLR	20			173	60	43	03	11		010	FEW CU SE	WRG
SA	0850	CLR	20			175	63	45	01	10		011	FEW CU OVR MTNS SE	WRG
SA	0950	60 SCT 250 SCT	20			174	67	45	36	03		011	105 1105 49	WRG
SA	1050	60 SCT 250 SCT	20			173	69	42	15	05		011	TCU N	WRG
SA	1150	60 SCT 250 -SCT	20			169	71	41	27	06		010	TCU N	WRG
SA	1250	60 SCT 250 -SCT	20			161	71	42	09	08		007	812 1101	WRG
SA	1350	60 SCT 250 SCT	20			158	72	41	32	10		006	wnd dir vrbl	WRG
SA	1450	60 SCT 250 SCT	20			152	73	39	05	05		005		WRG
SA	1548	60SCT	20			149	74	36	00	00		004	708 1100 74 RADAT64105	EP
SA	1648	CLR	20			150	72	35	11	07		004		EP
SA	1745	CLR	20			156	70	40	05	04		005		EP
SA	1848	CLR	20			160	64	43	09	05		006	307	EP
SA	1945	CLR	20			166	61	47	08	07		008		EP
SA	2048	CLR	20			171	58	49	00	00		010		EP
SA	2149	CLR	20			173	57	48	30	04		011	214 74	EP
SA	2245	CLR	20			172	58	46	01	03		011		EP
SA	2347	CLR	20			171	58	45	08	03		011		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ 7wwW1W2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 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 48	26.690	57.9	50.3	60	0															0	4	.000			00-01
01 46	26.690	54.8	49.8	72	0															0					01-02
02 50	26.690	55.6	49.3	65	0															0					02-03
03 50	26.700	55.2	49.1	66	0															0	3	.010			03-04
04 50	26.710	57.2	48.9	56	0															0					04-05
05 50	26.720	55.0	48.3	62	0															0					05-06
06 50	26.730	57.2	50.4	63	0															0	2	.030			06-07
07 50	26.740	62.8	50.3	42	0															0					07-08
08 50	26.740	64.8	51.8	42	0															0					08-09
09 50	26.740	69.5	53.8	36	0															0	1	.010			09-10
10 50	26.720	72.4	54.9	32	0															0					10-11
11 50	26.700	73.0	55.0	31	0															0					11-12
12 50	26.680	74.8	55.9	30	0	0	CU	60												0	7	.060			12-13
13 50	26.665	77.0	55.7	25	0															0					13-14
14 50	26.650	77.0	55.4	24	0															0					14-15
15 47	26.640	77.4	55.6	24	0	0	SC	80												0	6	.040			15-16
16 47	26.630	75.0	55.0	27	0															0					16-17
17 48	26.630	70.0	55.5	40	0															0					17-18
18 49	26.630	64.6	53.8	50	0	0	CI	250												0	6	.010			18-19
19 46	26.640	63.3	53.3	53	0															0					19-20
20 46	26.640	61.8	53.1	58	0															0					20-21
21 50	26.650	60.1	51.3	56	0	0	CI	250												0	3	.020			21-22
22 45	26.630	60.8	51.2	53	0															0					22-23
23 48	26.640	60.8	50.0	47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		54	53										
	0346	1	0	0	0	54	53		0								
	0946	2	0	0	0	80	55		0								
	1544	3	0	0	0	78	70		0								
	2145	4	0	0	0	77	60		0								
	MID.		0	0	0	61	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.740	26.640	26.650
BAROGRAPH 64	26.700	26.735	26.640	26.650
BAR. CORR. 65	+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 (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
78	53	0	0	0	13	N	0803					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: 0828P @ 1 Sec./ 2700 @ 1 Sec./ ± Sec.

0350P/81-53/0650P

RS=0 / SP=0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 01

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	CLR	20			171	58	44	04	06		011	400	EP
SA	0146	CLR	20			171	55	46	03	04		011		EP
SA	0250	CLR	20			171	56	44	05	08		011		EP
SA	0350	CLR	20			174	55	44	06	07		012	303 5F3 RADAT 35129	WRG
SA	0450	CLR	20			178	57	42	05	10		013		WRG
SA	0550	CLR	20			184	55	42	09	05		014		WRG
SA	0650	CLR	20			190	57	45	09	05		015	210	WRG
SA	0750	CLR	20			193	63	39	02	10		016		WRG
SA	0850	CLR	20			192	65	41	03	11		016		WRG
SA	0950	CLR	20			191	70	41	02	07		016	103 53	WRG
SA	1050	CLR	20			182	72	41	21	04		014		WRG
SA	1150	CLR	20			173	73	41	30	07		012	FEW CU OVR MTNS SE	WRG
SA	1250	CLR	20			165	75	41	34	06		010	720 1100	WRG
SA	1350	CLR	20			160	77	38	26	06		008	FEW CU OVR MTNS SE	WRG
SA	1450	CLR	20			154	77	38	14	08		006	FEW SC SE	WRG
SA	1547	CLR	20			149	77	38	15	03		005	614 1400 78 RADAT 20129	EP
SA	1647	CLR	20			146	75	39	15	06		004		EP
SA	1748	CLR	20			150	70	45	11	06		004		EP
SA	1849	CLR	20			152	65	46	11	05		004	603 1001	EP
SA	1946	CLR	20			153	63	46	12	03		005		EP
SA	2046	CLR	20			152	62	47	06	04		005		EP
SA	2150	CLR	20			155	60	44	12	06		006	307 1001 78	EP
SA	2245	CLR	20			146	61	43	03	09		004		EP
SA	2348	CLR	20			148	61	41	10	06		005		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 0 5

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	26.640	57.5	49.3	57	0	0	CI	250												0	5	.010			00-01
01 46	26.630	58.7	49.7	54	0															0					01-02
02 50	26.640	57.2	49.6	60	3															1					02-03
03 49	26.640	59.9	53.0	64	10	4	Ac	140	6	Cs	E250	10								10	5	.000			03-04
04 49	26.660	59.1	54.0	73	10															9					04-05
05 46	26.665	59.1	54.0	73	9															9					05-06
06 48	26.680	58.4	54.1	77	8	5	Ac	140	3	Cs	E250	8								8	2	.040			06-07
07 48	26.700	59.3	54.2	73	8															8					07-08
08 46	26.700	60.9	55.0	70	9															9					08-09
09 49	26.700	62.8	55.0	62	9	3	Cu	60	6	Ac	E140	9								9	1	.020			09-10
10 48	26.700	64.7	56.4	61	9															9					10-11
11 49	26.690	67.0	56.4	53	8															8					11-12
12 49	26.680	69.5	57.7	50	5	3	Cu	60	2	Ac	140	5								5	8	.020			12-13
13 48	26.665	72.1	56.7	39	3															3					13-14
14 45	26.660	73.8	57.2	36	1															1					14-15
15 47	26.660	73.0	56.8	37	0	0	Cu	60	0	Ac	140	0								0	6	.020			15-16
16 46	26.660	70.7	56.2	41	0															0					16-17
17 47	26.660	67.0	55.3	49	0															0					17-18
18 45	26.680	63.7	54.8	58	0															0	3	.020			18-19
19 46	26.700	62.3	54.5	62	0															0					19-20
20 45	26.710	63.3	54.2	57	0															0					20-21
21 49	26.720	58.8	53.2	70	0															0	1	.040			21-22
22 47	26.730	57.6	52.5	72	0															0					22-23
23 50	26.740	54.7	50.0	73	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	61	57	X	X						X		
	0344	1	0	0	0	61	57		0								
	0943	2	0	0	0	63	58		0								
	1543	3	T	0	0	74	63		0								
	2144	4	0	0	0	73	59		0								
	MID.	X	0	0	0	59	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.700	26.660	26.720
BAROGRAPH 64	26.645	26.710	26.660	26.715
BAR. CORR. 65	-.005	-.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	55	T	0	0	12	SW	0404					6	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1039	1103			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0605P ⊘ / Sec. / 2130 ⊘ / Sec. / ± Sec.

0949/0949

1547/1547

RS=0/SP=0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 05

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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (KTS) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hrs) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			150	58	42	20	05		005	503 1001	EP
SA	0146	CLR	20			144	59	42	12	05		004		EP
SA	0250	250-SCT	20			149	57	43	33	08		005		EP
SA	0349	140 SCT E250 OVC	20			147	60	48	26	10		005	506 1078 57 RADAT 22124	CG
SA	0449	140 SCT E250 OVC	20			156	59	50	30	07		007		CG
SA	0546	140 SCT E250 BKN	20			160	59	50	32	05		008		CG
SA	0648	140 SCT E250 BKN	20			169	58	51	30	05		009	214 1078	CG
SA	0748	140 SCT E250 BKN	20			178	59	51	21	04		012		CG
SA	0846	60 SCT E140 BKN	20			178	61	51	31	06		012		CG
SA	0949	60 SCT E140 BKN	20			178	63	50	11	08		012	107 ~~1277~~ 1270 57	CG
SA	1048	60 SCT E140 BKN	20		RW-	176	65	51	36	06		012	RB39	CG
SA	1149	60 SCT E140 BKN	20			171	67	49	02	09		011	RE03	CG
SA	1249	60 SCT 140 SCT	20			167	70	50	35	08		010	80700 1170	CG
SA	1348	60 SCT 140 SCT	20			160	72	46	10	06		008		CG
SA	1445	60 SCT	20			157	74	45	09	03		007		CG
SA	1547	CLR	20			156	73	45	15	05		007	60700 1130 74 RADAT	EP
						~~158~~							64120	
SA	1646	CLR	20			158	71	46	13	08		007		EP
SA	1747	CLR	20			160	67	47	12	05		007		EP
SA	1845	CLR	20			171	64	49	13	07		010	307	EP
SA	1946	CLR	20			178	62	49	10	09		012		EP
SA	2045	CLR	20			180	63	48	06	04		013		EP
SA	2149	CLR	20			186	59	49	06	06		014	114 74	EP
SA	2247	CLR	20			190	58	49	06	07		015		EP
SA	2350	CLR	20			194	55	46	18	03		016		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 0 6

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 48	26.730	56.0	51.8	77	0															0	0	.010			00-01
01 46	26.730	56.2	50.1	67	0															0					01-02
02 50	26.730	53.0	50.5	85	0															0					02-03
03 53	26.740	53.8	50.7	82	0															0	3	.010			03-04
04 50	26.740	51.3	49.5	89	0															0					04-05
05 47	26.740	51.7	50.0	90	0															0					05-06
06 50	26.760	54.6	52.4	87	0															0	3	.020			06-07
07 55	26.750	62.6	56.9	71	0															0					07-08
08 48	26.760	68.1	56.3	49	0															0					08-09
09 45	26.750	72.0	58.0	44	1	1	Cs	250												1	8	.010			09-10
10 48	26.740	74.5	58.0	37	3															1					10-11
11 46	26.720	76.3	57.0	30	3															2					11-12
12 48	26.700	78.5	57.2	26	1	0	Cu	50	1	Cs	250	1								1	7	.050			12-13
13 48	26.680	79.0	58.2	28	1															1					13-14
14 51	26.660	80.2	58.5	27	4															1					14-15
15 50	26.660	78.4	58.0	29	10	0	Cu	80	10	Cs	250	10								2	6	.040			15-16
16 48	26.640	77.0	58.1	32	10															4					16-17
17 48	26.640	71.0	57.8	46	10															4					17-18
18 48	26.660	66.3	56.6	56	10	10	Cs	250												5	5	.000			18-19
19 48	26.660	64.6	56.3	61	10															3					19-20
20 49	26.670	62.4	55.3	63	10															3					20-21
21 50	26.660	62.1	54.5	63	7	7	Cs	250												2	0	.000			21-22
22 52	26.660	61.0	54.1	65	4															1					22-23
23 46	26.650	60.6	54.1	67	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 0346	X	0	0	X	56	52	X	X						X		
	0346	1	0	0	0	59	52		0								
	0942	2	0	0	0	72	50		0								
	1546	3	0	0	0	80	72		0								
	2146	4	0	0	0	78	60		0								
	MID.	X	0	0	0	62	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.750	26.660	26.660
BAROGRAPH 64	26.735	26.750	26.660	26.660
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
80	50	0	0	0	17	SW	1257					2	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0715P ☑ Sec./ 1950P ☑ Sec./ ± Sec.

0848P/0848P

1948P/1948P

SP-0

RS-0

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 0 6

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	0048	CLR	20			187	56	49	20	05		015	003	EP
SA	0146	CLR	20			186	56	45	05	05		015		EP
SA	0250	CLR	20			186	53	49	00	00		015		EP
SA	0353	CLR	20			190	54	48	35	05		016	303 52 RADAT 21133	CG
SA	0450	CLR	20			194	51	48	10	05		016		CG
SA	0547	CLR	20			195	52	49	09	06		016		CG
SA	0650	CLR	20			203	55	51	23	05		018	307	CG
SA	0755	CLR	20			195	63	53	22	05		017		CG
SA	0848	CLR	20			196	68	48	16	04		018		CG
SA	0945	250 SCT	20			192	72	49	12	06		017	803 1008 50	CG
SA	1048	250 - SCT	20			188	75	47	09	08		016		CG
SA	1146	250 SCT	20			181	76	43	16	06		014		CG
SA	1248	250 SCT	20			172	79	41	18	10		012	717 1108	CG
SA	1348	250 SCT	20			164	79	43	15	05		010		CG
SA	1451	250 - SCT	20			156	80	43	24	08		007		CG
SA	1550	250 - OVC	20			158	78	43	18	05		008	614 1107 80 RADAT 20138	HS
SA	1648	130 SCT 250 - OVC	20			152	77	45	24	05		005		HS
SA	1748	130 SCT 250 - OVC	20			155	71	49	14	04		005		HS
SA	1848	250 - OVC	20			163	66	50	10	04		008	500 1007	HS
SA	1948	250 - OVC	20			159	65	51	09	05		008		HS
SA	2049	250 - OVC	20			161	62	50	05	07		009		HS
SA	2150	250 - BKN	20			156	62	49	11	04		008	600 1008 80	HS
SA	2252	250 - SCT	20			155	61	49	35	02		008		HS
SA	2346	250 - SCT	20			151	61	50	07	05		007		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 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	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	26.650	63.6	54.1	55	7	3	Ac	140	4	Cs	E250	7								4	6	.010			00-01
01 48	26.640	60.1	54.7	72	8															5					01-02
02 51	26.630	61.9	54.4	63	5															2					02-03
03 50	26.630	57.0	53.0	78	10	4	Ac	140	10	Cs	E250	10								8	6	.020			03-04
04 51	26.640	56.7	54.0	85	10															8					04-05
05 46	26.640	57.9	53.0	74	10															9					05-06
06 47	26.650	59.0	54.5	76	10	4	Ac	140	10	Cs	E250	10								9	3	.020			06-07
07 49	26.660	64.7	55.0	55	10															9					07-08
08 47	26.670	67.8	55.1	45	10															9					08-09
09 45	26.660	67.3	55.6	43	10	0	Cu	70	4	Ac	140	4	10	Cs	E250	10				9	0	.010			09-10
10 46	26.660	72.1	57.0	40	10															8					10-11
11 49	26.640	74.8	57.7	36	10															9					11-12
12 51	26.620	74.0	58.0	39	10	3	Cu	70	7	Ac	E140	10								9	8	.040			12-13
13 48	26.610	73.0	57.0	44	10															9					13-14
14 45	26.600	72.5	57.4	40	10															9					14-15
15 48	26.590	71.6	59.0	49	10	4	Cu	70	6	Ac	E140	10								9	7	.030			15-16
16 47	26.600	70.0	59.1	54	9															9					16-17
17 47	26.600	69.4	59.7	58	8															8					17-18
18 49	26.610	67.6	58.7	60	7	3	Cu	70	4	Ac	E140	7								7	1	.020			18-19
19 48	26.620	65.7	59.3	71	5															5					19-20
20 47	26.610	62.6	58.0	77	0															0					20-21
21 49	26.620	61.6	56.8	76	4	2	Cu	70	2	Ac	140	4								4	3	.010			21-22
22 46	26.630	63.2	58.0	75	5															5					22-23
23 51	26.630	59.7	56.6	84	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 0846	X	0	0	X	64	57	X	X						X		
	0846	1	0	0	0	64	57		0								
	0942	2	0	0	0	69	56		0								
	1544	3	0	0	0	76	69		0								
	2145	4	0	0	0	72	60		0								
	MID.	X	0	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0850	0945	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.660	26.590	26.620
BAROGRAPH 64	26.640	26.660	26.585	26.610
BAR. CORR. 65	-.010	*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
76	56	0	0	0	10	SW	1445					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: 0803P ±1 Sec./ 1950P ±1 Sec./ ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CORRECTION

1548P- CLOUD CODE 1548P

1251P/117/1348P

SP-0

RS-0

MF1-10A (1-62)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **1983 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. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0052	140 SCT E250 8KN	20			149	64	47	03	03		007	603 1038	HS
SA	0148	140 SCT E250 BKN	20			146	60	51	03	05		006		HS
SA	0251	140 SCT 250-SCT	20			141	62	49	26	06		004		HS
SA	0350	140 SCT E250 OVC	20			145	57	50	06	03		004	607 1077 57 RADAT 36125	CG
SA	0451	140 SCT E250 OVC	20			148	57	52	30	02		005		CG
SA	0546	140 SCT E250 OVC	20			151	58	50	35	04		005		CG
SA	0647	140 SCT E250 OVC	20			156	59	51	06	03		006	307 1077	CG
SA	0749	140 SCT E250 OVC	20			158	65	48	29	04		007		CG
SA	0847	140 SCT E250 OVC	20			163	68	46	32	04		008		CG
SA	0945	140 SCT E250 OVC	20			158	69	46	34	04		007	003 1177 56	CG
SA	1046	140 SCT E250 OVC	20			157	72	46	29	04		007		CG
SA	1149	140 SCT E250 OVC	20			148	75	46	23	05		005		CG
SA	1251	70 SCT E140 OVC	20			139	74	47	32	06		003	814 1178	CG
SA	1348	70 SCT E140 OVC	20			138	73	50	21	06		002		CG
SA	1445	70 SCT E140 OVC	20			134	73	47	22	10		001		CG
SA	1548	70 SCT E140 OVC	20			132	72	51	27	03		000	RWY SE 710 1276 76	
													RADAT 84120	HS
SA	1647	70 SCT E140 BKN	20			136	70	52	31	08		001		HS
SA	1747	70 SCT E140 BKN	20			136	69	54	36	04		001		HS
SA	1849	70 SCT E140 BKN	20			140	68	53	36	04		002	DSNT LTG SE 107 1270	HS
SA	1948	70 SCT 140 SCT	20			144	66	56	08	03		003	DSNT LTG SE	HS
SA	2047	CLR	20			140	63	55	02	05		002	DSNT LTG SE	HS
SA	2149	70 SCT 140 SCT	20			143	62	54	06	06		003	303 1270 76	HS
SA	2246	60 SCT 110 SCT	20			145	63	55	02	03		004		HS
SA	2351	60 SCT 110 SCT	20			145	60	55	05	04		004		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 08

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	26.630	58.6	55.5	84	0	0	Sc	60												0	1	.010			00-01
01 48	26.620	58.0	54.6	82	0															0					01-02
02 47	26.620	56.1	54.6	92	0															0					02-03
03 50	26.630	54.7	53.1	91	0	0	Ac	140												0	5	.000			03-04
04 53	26.630	55.0	53.0	89	0															0					04-05
05 46	26.630	55.1	52.7	86	0															0					05-06
06 48	26.650	57.3	54.0	82	0															0	3	.020			06-07
07 46	26.660	62.6	56.4	69	0															0					07-08
08 50	26.670	68.0	57.0	52	0															0					08-09
09 47	26.660	72.6	58.3	43	0	0	Cu	70												0	0	.010			09-10
10 48	26.660	75.3	59.1	39	0															0					10-11
11 49	26.640	76.4	59.0	36	1															1					11-12
12 50	26.627	78.2	59.5	34	1	1	Cu	70												1	8	.010			12-13
13 48	26.610	78.0	61.0	38	3															3					13-14
14 45	26.600	78.7	59.6	33	2															1					14-15
15 48	26.600	76.0	59.9	40	6	1	Cu	70	5	Ci	250	6								2	6	.020			15-16
16 48	26.600	75.0	59.5	41	8															5					16-17
17 48	26.610	73.4	59.3	45	10															8					17-18
18 47	26.610	72.0	59.0	47	9	2	Ac	150	7	Cs	E250	9								8	1	.010			18-19
19 47	26.620	70.6	59.0	51	7															6					19-20
20 48	26.620	70.1	58.0	49	4															3					20-21
21 50	26.620	66.0	57.0	59	0	0	Cs	250												0	1	.010			21-22
22 50	26.620	63.7	56.7	66	0															0					22-23
23 48	26.620	63.3	56.2	66	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 0345	X	0	0	X	60	55	X	X						X		
	0345	1	0	0	0	63	55		0								
	0944	2	0	0	0	73	54		0								
	1544	3	0	0	0	79	73		0								
	2147	4	0	0	0	76	65		0								
	MID.	X	0	0	0	66	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1547	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.660	26.600	26.620
BAROGRAPH 64	26.615	26.660	26.590	26.610
BAR. CORR. 65	+.015	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	54	0	0	0	15	SW	1349					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0833P ☑ Sec./ 1950P ☑ Sec./ ± Sec.

SP-0

RS-0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 08

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

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mb.)	TEMP. (°F)	DEW PT. (°F)	WIND DIRECTION (Deg.)	WIND SPEED (Kts.)	WIND CHARACTER	ALTIMETER SETTING (Inches)	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVERS INITIALS
SA	0049	CLR	20			146	59	54	06	07		004	103 1400	HS
SA	0148	CLR	20			143	58	52	01	03		003		HS
SA	0247	CLR	20			144	56	54	35	05		003		HS
SA	0350	CLR	20			149	55	52	10	04		004	500 1070 55 RADAT 21117	CG
SA	0453	CLR	20			149	55	52	05	02		004		CG
SA	0546	CLR	20			149	55	51	32	02		004		CG
SA	0648	CLR	20			157	57	52	11	03		006	307	CG
SA	0746	CLR	20			159	63	52	05	02		007		CG
SA	0850	CLR	20			162	68	50	30	03		008		CG
SA	0947	CLR	20			157	73	49	08	03		007	003 1100 54	CG
SA	1048	CLR	20			154	75	49	28	05		007		CG
SA	1149	70 SCT	20			148	76	47	19	09		005		CG
SA	1250	70 SCT	20			140	78	47	21	09		003	814 1200	CG
SA	1348	70 SCT	20			136	78	51	23	12		002		CG
SA	1445	70 SCT 250-SCT	20			134	79	47	23	10		001		CG
SA	1548	70 SCT 250-BKN	20			135	76	50	25	10		001	607 1204 79 RADAT25140	HS
SA	1648	E250 BKN	20			136	75	50	26	08		001	FEW CU	HS
SA	1748	150 SCT E250 OVC	20			139	73	50	21	05		002		HS
SA	1847	150 SCT E250 BKN	20			139	72	51	24	06		002	103 1078	HS
SA	1947	E250 BKN	20			142	71	52	21	04		003		HS
SA	2048	250 SCT	20			139	70	50	11	05		003		HS
SA	2150	CLR	20			139	66	51	05	06		003	103 1008 79	HS
SA	2250	CLR	20			143	64	52	03	06		003		HS
SA	2348	CLR	20			139	63	52	19	03		003		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 09

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 47	26.620	62.9	56.2	67	0															0	4	.000			00-01
01 47	26.620	62.3	55.9	68	0															0					01-02
02 49	26.610	64.9	56.6	61	0															0					02-03
03 50	26.615	59.2	53.9	72	0															0	5	.005			03-04
04 47	26.625	58.1	53.8	77	0															0					04-05
05 49	26.635	59.6	54.0	70	0															0					05-06
06 48	26.650	61.3	54.8	67	0															0	3	.035			06-07
07 47	26.665	66.8	57.2	57	0															0					07-08
08 47	26.665	69.7	58.4	52	0															0					08-09
09 47	26.660	74.2	60.0	45	0	0	Cu	70	0	Ci	250	0								0	0	.010			09-10
10 48	26.650	75.2	60.1	42	2															1					10-11
11 48	26.630	77.3	60.2	38	3															1					11-12
12 49	26.640	79.2	59.1	30	8	1	Cu	70	8	Cs	250	8								1	7	.050			12-13
13 47	26.600	81.4	57.2	21	10															1					13-14
14 50	26.600	79.6	57.1	24	10															3					14-15
15 47	26.600	77.3	55.6	24	10	0	Cu	80	10	Ci	250	10								5	6	.010			15-16
16 45	26.610	75.4	56.1	29	10															5					16-17
17 46	26.610	71.6	56.2	38	10															4					17-18
18 48	26.610	70.4	55.4	39	10	10	Ci	250												4	1	.010			18-19
19 50	26.620	70.2	55.4	40	10															8					19-20
20 51	26.640	68.4	55.1	43	8															6					20-21
21 50	26.650	68.1	55.6	46	10	10	Cs	8250												10	2	.040			21-22
22 49	26.650	64.8	54.8	54	7															7					22-23
23 50	26.655	62.6	53.6	57	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	65	59	X	X						X		
	0345	1	0	0	0	66	59		0								
	0844	2	0	0	0	74	57		0								
	1541	3	0	0	0	82	74		0								
	2143	4	0	0	0	78	67		0								
	MID.	X	0	0	0	69	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0249	0946	1546	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.660	26.600	26.630
BAROGRAPH 64	26.590	26.635	26.575	26.605
BAR. CORR. 65	+.025	+.025	+.025	+.025

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 (ft) 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	57	0	0	0	25	SW	1233					4	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0529P ⊕ 1 Sec./ 1748P ⊕ 3 Sec./ ± Sec.

~~1747~~ 1748/1748P 1848/1848/DP44

RS/0
SP/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **1983 OCT 0 9**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kt.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hdths.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0047	CLR	20			138	63	52	05	05		003	400	HS
SA	0147	CLR	20			139	62	52	01	06		003		HS
SA	0249	CLR	20			133	65	51	17	04		002		HS
SA	0350	CLR	20			139	59	50	09	03		003	502 59 RADAT 31135	JD
SA	0447	CLR	20			144	58	51	04	04		004		JD
SA	0549	CLR	20			148	60	50	09	02		005		JD
SA	0648	CLR	20			154	61	50	09	03		006	312	JD
SA	0747	CLR	20			157	67	51	12	05		008		JD
SA	0847	CLR	20			156	70	51	11	05		008		JD
SA	0947	CLR	20			154	74	51	13	05		007	003 1101 57	JD
SA	1048	70 SCT 250 -SCT	20			154	75	51	24	03		006		JD
SA	1148	70 SCT 250 -SCT	20			142	77	49	22	15		004		JD
SA	1249	70 SCT 250 -BKN	20			134	79	45	22	16	G23	002	717 1106	JD
SA	1347	250 -OVC	20			129	81	38	18	14	G20	001		JD
SA	1450	250 -OVC	20			128	80	40	21	16		001		JD
SA	1547	250-OVC	20			133	77	38	22	13	G20	001	603 1101 82 RADAT 20146	008
SA	1645	250-OVC	20			137	75	41	22	13		002		008
SA	1748	250-OVC	20			138	72	45	22	10		002		008
SA	1848	250-OVC	20			138	70	47	24	09	G15	002	103 1001	008
SA	1950	E 250 OVC	20			140	70	44	23	12	G18	003		008
SA	2051	E 250 BKN	20			146	68	45	23	12	G19	005		008
SA	2150	E250 OVC	20			148	68	47	21	10		006	214 1007 82	008
SA	2249	E250 BKN	20			151	65	48	24	09		006		008
SA	2350	250-BKN	20			152	63	47	31	04		007		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 10

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 47	26.660	60.0	53.0	64	5	5	ci	210												4	3	.010			00-01
01 51	26.660	58.0	52.6	71	5															4					01-02
02 50	26.665	61.0	52.8	59	5															4					02-03
03 50	26.680	57.2	51.2	68	7	7	Cs	E280												5	2	.020			03-04
04 49	26.685	55.1	51.1	77	7															5					04-05
05 48	26.690	54.2	51.2	83	10															6					05-06
06 49	26.710	55.8	51.6	76	9	9	Cs	E280												7	3	.030			06-07
07 49	26.730	62.2	54.5	62	2															2					07-08
08 48	26.735	66.6	56.2	53	1															1					08-09
09 47	26.735	71.3	57.9	45	0	0	Ci	280												0	1	.025			09-10
10 48	26.725	72.7	55.3	33	0															0					10-11
11 48	26.710	74.8	56.1	31	0															0					11-12
12 48	26.690	76.8	57.4	30	0	0	Cu	70												0	8	.045			12-13
13 48	26.675	77.5	56.7	27	0															0					13-14
14 50	26.670	79.6	57.9	26	0															0					14-15
15 51	26.670	78.2	57.3	27	0	0	ci	250												0	6	.020			15-16
16 47	26.660	77.3	58.8	33	0															0					16-17
17 51	26.680	70.4	56.4	42	0															0					17-18
18 52	26.690	66.7	53.6	43	8	8	ci	230												3	3	.020			18-19
19 45	26.700	65.3	52.3	42	10															4					19-20
20 52	26.720	68.1	48.1	22	10															5					20-21
21 50	26.730	65.9	47.3	22	9	9	ci	250												4	2	.040			21-22
22 46	26.730	63.2	47.4	29	6															3					22-23
23 47	26.730	62.6	47.2	30	6															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	X	0	0	X	63	57	X	X						X		
	0345	1	0	0	0	69	57		0								
	0944	2	0	0	0	71	53		0								
	1545	3	0	0	0	80	71		0								
	2143	4	0	0	0	79	65		0								
	MID.	X	0	0	0	66	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.735	26.670	26.730
BAROGRAPH 64	26.645	26.710	26.650	26.700
BAR. CORR. 65	+.035	+.025	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
80	53	0	0	0	14	N	1249					1	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0453P ©2 Sec./ 1856P ©2 Sec./ ± Sec.

RS/O
SP/O

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **1983 OCT 10**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (4)	VISIBILITY (Miles) SURFACE (5)	VISIBILITY (Miles) TOWER (6)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0047	250 SCT	20			154	60	48	05	04		007	303 1002	008
SA	0151	250 SCT	20			154	58	49	03	04		007		008
SA	0250	250 SCT	20			155	61	47	04	02		008		008
SA	0350	E 280 BKN	20			164	57	47	18	02		010	207 1008 57 RADAT 20139	JD
SA	0449	E 280 BKN	20			168	55	48	13	03		011		JD
SA	0548	E 280 OVC	20			172	54	49	09	02		011		JD
SA	0649	E 280 BKN	20			180	56	49	11	03		013	310 1008	JD
SA	0749	280 SCT	20			185	62	49	26	02		015		JD
SA	0848	280 SCT	20			184	67	49	23	03		016		JD
SA	0947	CLR	20			183	71	49	27	02		016	108 1002 53	JD
SA	1048	CLR	20			179	73	42	36	05		015		JD
SA	1148	CLR	20			174	75	42	35	08		013		JD
SA	1248	CLR	20			167	77	43	36	10		011	815 1100	JD
SA	1348	CLR	20			161	78	41	04	09		009		JD
SA	1450	CLR	20			157	80	42	04	08		008		JD
SA	1551	CLR	20			160	78	42	30	06		008	607 1001 80 RADAT 20143	008
SA	1647	CLR	20			158	77	46	20	02		007		008
SA	1751	CLR	20			168	70	46	28	03		009		008
SA	1852	250 - BKN	20			174	67	43	35	06		011	307 1001	008
SA	1945	250 - OVC	20			175	65	42	07	05		012		008
SA	2052	250 - OVC	20			179	68	27	03	08		014		008
SA	2150	250 - BKN	20			181	66	26	36	03		015	214 1001 80	008
SA	2246	250 - BKN	20			181	63	31	05	03		015		008
SA	2347	250 - BKN	20			181	63	31	06	06		015		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 11

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	26.740	63.1	48.2	32	6	6	Ci	250												3	3	.010			00-01
01 51	26.750	63.2	48.3	33	6															3					01-02
02 50	26.765	62.4	48.1	34	6															3					02-03
03 50	26.790	61.5	47.6	35	6	6	Ci	250												2	2	.050			03-04
04 49	26.810	58.9	46.7	40	7															2					04-05
05 49	26.820	60.2	47.1	37	5															0					05-06
06 49	26.850	61.5	47.9	36	0	0	Ci	250												0	2	.060			06-07
07 48	26.860	63.6	49.2	35	0															0					07-08
08 48	26.870	67.6	51.0	31	0															0					08-09
09 49	26.860	69.9	51.2	27	1	1	Ci	250												0	0	.010			09-10
10 49	26.850	73.0	52.2	22	0															0					10-11
11 47	26.830	74.2	51.7	19	0															0					11-12
12 48	26.815	76.7	53.6	20	0	0	Ci	250												0	7	.045			12-13
13 47	26.800	76.8	53.1	18	0															0					13-14
14 50	26.790	77.8	52.6	15	0															0					14-15
15 50	26.780	77.6	52.3	15	0	0	Ci	250												0	6	.035			15-16
16 47	26.775	75.7	52.2	17	1															0					16-17
17 49	26.775	68.6	50.4	26	1															0					17-18
18 45	26.780	65.3	49.1	30	2	2	Ci	250												0	5	.000			18-19
19 50	26.780	66.2	48.3	25	2															0					19-20
20 49	26.750	64.4	47.6	27	2															0					20-21
21 50	26.810	64.2	47.6	27	7	7	Ci	250												3	3	.030			21-22
22 49	26.810	63.5	47.4	28	10															7					22-23
23 47	26.810	63.4	47.7	30	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	63	60	X	X						X		
	0345	1	0	0	0	66	60		0								
	0945	2	0	0	0	70	59		0								
	1542	3	0	0	0	79	70		0								
	2140	4	0	0	0	78	63		0								
	MID.	X	0	0	0	64	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.860	26.780	26.810
BAROGRAPH 64	26.710	26.835	26.775	26.805
BAR. CORR. 65	+.030	+.025	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	59	0	0	0	19	N	1231					0	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0633P @1 Sec./ 2053P @1 Sec./ ± Sec.

* 0952P Barograph Changed, 0 corr.

RS 10
SP 10

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **1983 OCT 11**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER INITIALS (15)
SA	0050	250-BKN	20			185	63	33	11	03		016	303 1001	008
SA	0151	250-BKN	20			187	63	33	06	08		017		008
SA	0250	250-BKN	20			193	62	34	05	08		019		008
SA	0350	250-BKN	20			204	62	33	10	03		022	217 1001 60 RADAT 20145	JD
SA	0449	250-BKN	20			213	59	34	03	04		024		JD
SA	0549	250-SCT	20			219	60	34	05	10		025		JD
SA	0649	CLR	20			232	62	34	06	12		028	220 1001	JD
SA	0748	CLR	20			235	64	35	05	10		029		JD
SA	0848	CLR	20			235	68	36	04	12		031		JD
SA	0949	250-SCT	20			232	70	34	03	15		029	003 1001 59	JD
SA	1049	CLR	20			228	73	32	04	05		028		JD
SA	1147	CLR	20			220	74	29	05	15		026		JD
SA	1248	CLR	20			214	77	32	02	08		025	715 1002	JD
SA	1347	CLR	20			208	77	30	02	12		023		JD
SA	1450	CLR	20			204	78	27	05	08		022		JD
SA	1550	CLR	20			200	78	26	02	08	G14	020	612 1001 79 RADAT 20149	008
SA	1647	250-SCT	20			200	76	28	04	09		020		008
SA	1749	250-SCT	20			203	69	33	06	08		020		008
SA	1845	250-SCT	20.			205	65	33	05	08		020	500 1001	008
SA	1950	250-SCT	20			205	66	29	04	10		020		008
SA	2049	250-SCT	20			207	64	29	03	10		022		008
SA	2150	250-BKN	20			213	64	30	09	02		024	310 1001 79	008
SA	2249	E250 OVC	20			212	64	30	04	10		024		008
SA	2347	E2500VC	20			211	63	31	04	10		024		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5oppp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 19

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 45	26.810	62.7	47.3	30	10	10	CI	6250												9	4	.000			00-01
01 50	26.810	61.7	46.6	30	10															9					01-02
02 45	26.810	60.6	46.0	31	7															6					02-03
03 47	26.810	61.2	46.0	29	6	6	Ci	250												2	0	.000			03-04
04 48	26.810	58.8	45.1	33	5															1					04-05
05 48	26.810	59.1	45.2	32	6															1					05-06
06 49	26.810	61.0	46.1	30	8	8	Cs	250												0	0	.000			06-07
07 48	26.810	64.1	48.0	29	7															0					07-08
08 49	26.810	65.9	48.7	27	2															0					08-09
09 48	26.800	70.6	51.0	24	2	2	Cs	250												0	8	.010			09-10
10 50	26.770	75.3	52.4	19	2															1					10-11
11 47	26.750	77.3	52.5	16	5															1					11-12
12 47	26.720	79.4	53.9	16	9	9	Cs	250												4	7	.080			12-13
13 48	26.700	79.8	54.0	16	10															4					13-14
14 52	26.690	78.7	53.1	15	10															7					14-15
15 51	26.665	78.6	53.0	15	10	10	CS	6250												6	8	.055			15-16
16 48	26.660	75.0	52.6	20	10															6					16-17
17 46	26.660	69.0	51.8	30	10															5					17-18
18 47	26.650	68.2	50.0	26	6	6	CI	6250												4	7	.015			18-19
19 49	26.640	61.0	48.0	38	2															1					19-20
20 50	26.630	60.0	47.0	37	0															0					20-21
21 48	26.620	56.0	45.3	43	0															0	7	.030			21-22
22 48	26.600	58.0	45.6	37	0															0					22-23
23 51	26.580	54.2	44.3	47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	63	59	X	X						X		
	0344	1	0	0	0	64	59		0								
	0944	2	0	0	0	71	58		0								
	1545	3	0	0	0	82	70		0								
	2144	4	0	0	0	79	56		0								
	MID.	X	0	0	0	58	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.800	26.665	26.620
BAROGRAPH 64	26.805	26.800	26.660	26.605
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	52	0	0	0	25	NE	0650					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0432 P ⊕/Sec./ 2128 PST ⊕/Sec./ ± Sec.

1847 3 18 47

RS/O
SR/O

MF1-10B (1-82)

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0045	E250 OVC	20			212	63	31	05	10		024	400 1002	008
SA	0150	E250 OVC	20			212	62	30	05	08 G13		024		008
SA	0245	E250 BKN	20			212	61	30	04	12		024		008
SA	0347	250 -BKN	20			211	61	29	04	14		024	000 1001 59 RADAT 20150	JD
SA	0448	250 -SCT	20			214	59	30	05	10		024		JD
SA	0548	250 -BKN	20			216	59	30	05	13		024		JD
SA	0649	250 -BKN	20			217	61	30	04	14		024	000 1008	JD
SA	0748	250 -BKN	20			216	64	31	03	14		024		JD
SA	0849	250 -SCT	20			216	66	31	03	13		024		JD
SA	0948	250 -SCT	20			210	71	32	03	10		023	803 1008 58	JD
SA	1050	250 -SCT	20			196	75	30	13	06		019		JD
SA	1147	250 -SCT	20			188	77	27	13	06		017		JD
SA	1247	250 -BKN	20			175	79	29	16	08		014	727 1006	JD
SA	1348	250 -OVC	20			168	80	29	18	05		012	BINOVC SE-SW	JD
SA	1452	E250 OVC	20			165	79	27	04	02		011		JD
SA	1551	E250 OVC	20			156	79	27	14	04		008	819 1007 82 RADAT 25151	SEA
SA	1648	E250 OVC	20			156	75	31	12	05		008	BINOVC N	SEA
SA	1746	250-OVC	20			159	69	36	15	04		008	BINOVC W	SEA
SA	1847	E250 BKN	20			155	68	32	11	07		007	~~765~~ 1002 705	SEA
SA	1949	250-SCT	20			153	61	35	05	04		006		SEA
SA	2050	CLR	20			149	60	34	08	04		005		SEA
SA	2148	CLR	20			144	56	34	05	03		004	710 82	SEA
SA	2248	CLR	20			134	58	32	10	05		002		SEA
SA	2351	CLR	20			127	54	34	06	05		999		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 13

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	26.570	53.3	44.1	48	0															0	6	.050			00-01
01 50	26.540	54.2	44.0	45	0															0					01-02
02 49	26.570	52.1	43.4	50	0															0					02-03
03 50	26.495	51.1	43.0	52	0	0	CI	250												0	6	.075			03-04
04 49	26.465	50.4	42.7	54	0															0					04-05
05 46	26.470	48.7	42.4	60	0															0					05-06
06 47	26.440	52.0	43.9	53	0	0	CI	250												0	7	.055			06-07
07 47	26.440	57.0	46.5	45	0															0					07-08
08 52	26.435	68.3	49.3	23	0															0					08-09
09 49	26.410	70.9	50.6	22	0	0	AC	120												0	8	.030			09-10
10 47	26.405	74.3	52.2	20	0															0					10-11
11 49	26.375	75.6	52.7	19	0															0					11-12
12 47	26.350	76.2	52.4	17	0	0	CU	90												0	8	.060			12-13
13 48	26.330	76.8	51.7	14	0															0					13-14
14 50	26.320	77.0	51.3	13	0															0					14-15
15 51	26.315	76.4	50.4	12	2	2	CB	80	0	AC	120	2	0	CI	250	2				2	6	.035			15-16
16 51	26.320	72.1	49.4	16	3															3					16-17
17 50	26.330	68.0	47.8	19	1															1					17-18
18 51	26.350	68.0	45.8	23	0	0	AC	100												0	3	.035			18-19
19 50	26.360	65.3	46.4	20	0															0					19-20
20 48	26.375	63.9	45.9	22	0															0					20-21
21 51	26.400	59.0	44.0	27	0	0	CU	80												0	3	.060			21-22
22 48	26.420	55.0	42.6	34	0															0					22-23
23 51	26.420	55.5	42.1	30	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 0344		0	0		54	49										
	0344	1	0	0	0	58	49		0								
	0944	2	0	0	0	72	48		0								
	1546	3	0	0	0	78	71		0								
	2145	4	0	0	0	77	59		0								
	MID.		0	0	0	62	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.410	26.315	26.400
BAROGRAPH 64	26.475	26.395	26.300	26.390
BAR. CORR. 65	+.020	+.015	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	48	0	0	0	25	W	1402					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: 0353P @ 1 Sec. / 1725PST @ Sec. / ± Sec.

0852P/18/0949P 1247P/1100/1348P

SP 0
RS 1

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 19

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0050	CLR	20			123	53	34	06	04		998	617	SEA
SA	0150	CLR	20			110	54	33	03	03		995		SEA
SA	0249	CLR	20			100	52	34	05	04		992		SEA
SA	0350	CLR	20			095	51	34	35	04		989	625 1001 49 RADAT 22136	MR
SA	0449	CLR	20			086	50	34	30	02		986		MR
SA	0546	CLR	20			092	49	36	10	02		987		MR
SA	0647	CLR	20			080	52	35	13	04		983	719 1001	MR
SA	0747	CLR	20			081	57	36	32	02		983		MR
SA	0852	CLR	20			074	68	29	29	07		983		MR
SA	0949	CLR	20			064	71	30	24	10		980	810 1030 48	MR
SA	1047	CLR	20			061	74	31	26	10	G17	980	CU OMTNS SE	MR
SA	1149	CLR	20			050	76	31	21	14	G20	976	CU OMTNS SE NW	MR
SA	1247	CLR	20			041	76	29	22	13		973	CU SE AND NW-N 820 1108	MR
SA	1348	CLR	20			033	77	25	22	13		971	CU ALQDS	MR
SA	1450	CLR	20			029	77	23	22	11		970	CB NE CU ALQDS VIRG NW-N	MR
SA	1551	80 SCT 120 SCT 250 SCT	20			028	76	19	23	14		970	LN CB NW-NE MOVG E	SEA
/	/							/	VIRGA		NW-NE		/ 612 1363 78 RADAT 41109	/
RS	1651	80 SCT 120 SCT	20			033	72	23	01	18	G22	971	CB NE-E MOVG SE WSHFT	SEA
/	/							/	26	FROPA			VIRGA N AND NE-E	/
SA	1750	80 SCT	20			039	68	24	03	12		972		SEA
SA	1851	CLR	20			048	63	25	04	03		974	FEW AC / 312 1030	SEA
SA	1950	CLR	20			048	65	23	04	14	G20	975	FEW AC	SEA
SA	2048	CLR	20			049	64	24	01	19	G24	977	FEW AC	SEA
SA	2151	CLR	20			060	59	25	16	03		979	CU OMTNS E / 317 1100 78	SEA
SA	2248	CLR	20			068	55	27	11	04		982	FEW AC DSNT SE	SEA
SA	2351	CLR	20			067	56	25	05	05		982		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 14

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	26.425	52.7	41.0	35	0															0	1	.025			00-01
01 48	26.430	50.2	39.9	39	0															0					01-02
02 47	26.435	52.0	40.3	34	0															0					02-03
03 50	26.450	53.9	41.0	30	0															0	3	.025			03-04
04 52	26.470	52.6	41.0	35	0															0					04-05
05 46	26.485	49.8	40.1	42	0															0					05-06
06 49	26.500	55.5	43.5	37	0															0	2	.050			06-07
07 48	26.525	58.9	45.8	36	0															0					07-08
08 48	26.540	60.3	46.2	33	0															0					08-09
09 46	26.530	62.0	46.3	28	0	0	Ci	250												0	1	.030			09-10
10 47	26.525	63.6	47.5	28	0															0					10-11
11 50	26.510	64.8	47.2	24	0															0					11-12
12 49	26.480	67.8	48.0	20	0	0	Cu	80	0	Ci	250	0								0	8	.050			12-13
13 47	26.470	70.4	48.6	17	0															0					13-14
14 50	26.470	70.9	48.2	15	1															0					14-15
15 49	26.470	69.8	48.0	16	1	1	Ci	250												0	6	.010			15-16
16 50	26.470	66.7	46.4	17	2															0					16-17
17 48	26.480	63.1	45.0	20	6															0					17-18
18 48	26.490	56.3	43.5	34	5	5	Ci	250												0	3	.020			18-19
19 49	26.500	54.6	42.6	36	3															0					19-20
20 50	26.520	52.0	41.7	41	4															0					20-21
21 47	26.525	50.2	41.1	46	2	2	Ci	250												0	1	.035			21-22
22 50	26.530	48.9	40.7	50	2															0					22-23
23 45	26.530	50.0	40.7	44	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 0343	X	0	0	X	56	49	X	X						X		
	0343	1	0	0	0	62	49		0								
	0942	2	0	0	0	62	49		0								
	1544	3	0	0	0	72	62		0								
	2143	4	0	0	0	70	50		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.500	26.470	26.525
BAROGRAPH 64	26.435	26.510	26.450	26.515
BAR. CORR. 65	+.015	+.020	+.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	48	0	0	0	20	S	1319					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0703P ± 0 Sec./ 2210PST ± 0 Sec./ ± Sec.

RS 0

SP 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **1983 OCT 14**

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)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			069	53	26	05	08		982	108	SEA
SA	0148	CLR	20			072	50	26	10	03		983		SEA
SA	0247	CLR	20			073	52	25	05	07		983		SEA
SA	0350	CLR	20			078	54	24	05	10		984	308 49 RADAT 54097	MR
SA	0452	CLR	20			088	53	26	03	05		986		MR
SA	0546	CLR	20			098	50	28	10	03		988		MR
SA	0649	CLR	20			103	56	30	07	09		990	217	MR
SA	0748	CLR	20			110	59	32	05	02		993		MR
SA	0848	CLR	20			116	60	31	03	09		994		MR
SA	0946	CLR	20			113	62	29	36	10		993	110 1001 49	MR
SA	1047	CLR	20			112	64	30	32	04		993	Cu OMTNS SE	MR
SA	1150	CLR	20			106	65	28	08	02		991	Cu OMTNS SE	MR
SA	1249	CLR	20			094	68	25	17	04		987	817 1101	MR
SA	1347	CLR	20			090	70	23	18	08		986		MR
SA	1450	250-SCT	20			089	71	20	18	04		986		MR
SA	1549	250-SCT	20			089	70	22	22	12		987	603 1001 72 RADAT 38097	SEA
SA	1650	250-SCT	20			091	67	21	22	08		987		SEA
SA	1748	250-BKN	20			099	63	22	26	04		988		SEA
SA	1848	250-SCT	20			103	56	28	06	05		989	307 1001	SEA
SA	1949	250-SCT	20			107	55	28	06	03		990		SEA
SA	2050	250-SCT	20			115	52	29	00	00		993		SEA
SA	2147	250-SCT	20			117	50	30	05	03		993	112 1001 72	SEA
SA	2250	250-SCT	20			118	49	31	00	00		994		SEA
SA	2345	CLR	20			117	50	29	11	04		994	FEW CI S	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 15

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	26.530	47.6	39.5	49	0															0	1	.005			00-01
01 47	26.530	48.1	40.0	49	0															0					01-02
02 45	26.535	44.8	39.8	65	0															0					02-03
03 52	26.530	44.4	38.8	61	1	1	Ci	250												0	3	.020			03-04
04 49	26.570	44.3	38.5	60	1															0					04-05
05 49	26.585	45.8	38.3	51	6															1					05-06
06 50	26.595	48.2	40.2	50	10	10	Ci	250												3	1	.045			06-07
07 48	26.610	53.9	43.0	40	10															4					07-08
08 49	26.605	62.7	45.2	22	10															4					08-09
09 50	26.595	66.6	47.7	22	10	10	Ci	250												4	0	.000			09-10
10 45	26.585	69.6	49.0	19	10															5					10-11
11 45	26.570	70.1	49.5	20	10															4					11-12
12 46	26.560	70.2	49.5	20	10	10	Ci	250												5	1	.035			12-13
13 50	26.555	70.4	49.1	18	10															6					13-14
14 49	26.550	71.6	50.2	19	10															7					14-15
15 47	26.550	70.8	50.0	20	8	1	AC	120	8	Ci	250	8								1	6	.010			15-16
16 49	26.550	68.5	49.5	23	6															3					16-17
17 47	26.565	64.0	48.0	29	4															1					17-18
18 47	26.585	58.2	46.6	41	0	0	AC	180	0	Ci	280	0								0	3	.035			18-19
19 46	26.585	55.8	45.4	45	0															0					19-20
20 46	26.590	55.0	44.9	46	0															0					20-21
21 48	26.665	53.9	44.5	48	0															0	3	.020			21-22
22 46	26.605	53.1	43.8	48	0															0					22-23
23 50	26.610	50.5	43.0	55	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 0345		0	0		50	44										
	0345	1	0	0	0	50	44		0								
	0944	2	0	0	0	67	43		0								
	1543	3	0	0	0	73	67		0								
	2144	4	0	0	0	71	54		0								
	MID.		0	0	0	55	49										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.595	26.550	26.605
BAROGRAPH 64	26.535	26.595	26.552	26.600
BAR. CORR. 65	+.015	0*	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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	43	0	0	0	18	SW	1323					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: 0529P Q / Sec. / 2216P ±0 Sec. / ± Sec.

0245P/0249P

* BAROGRAPH CHANGED AND RESET TO ZERO CURE

2046P/2046P

SP 0

RS 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 15

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hg) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0050	CLR	20			117	48	29	05	03		994	102	SEA
SA	0147	CLR	20			114	48	30	01	04		994		SEA
SA	0245	CLR	20		118	~~120~~	45	34	00	00		994	FEW CI SE	SEA
SA	0352	250 - SCT	20			125	44	32	35	02		995	307 1001 44 RADAT 33100	MR
SA	0449	250 - SCT	20			135	44	31	01	03		997		MR
SA	0549	250 - BKN	20			141	46	29	35	03		999		MR
SA	0650	250 - OVC	20			148	48	30	00	00		000	115 1004	MR
SA	0748	250 - OVC	20			151	54	30	19	02		002		MR
SA	0849	250 - OVC	20			146	63	24	03	07		002		MR
SA	0950	250 - OVC	20			140	67	26	33	04		000	000 1001 43	MR
SA	1045	250 - OVC	20			135	70	26	21	05		999		MR
SA	1145	250 - OVC	20			129	70	27	21	07		997		MR
SA	1246	250 - OVC	20			127	70	27	21	05		996	712 1001	MR
SA	1350	E250 OVC	20			124	70	25	31	03		996		MR
SA	1449	E250 OVC	20			124	72	27	27	04		995		MR
SA	1547	120SCT 250-BKN	20			125	71	28	27	07		995	603 1031 73 RADAT 56102	SEA
SA	1649	250-BKN	20			125	69	30	25	06		995		SEA
SA	1747	250-SCT	20			133	64	31	31	05		998	GRDL VRNG WND	SEA
SA	1847	CLR	20			143	58	35	36	03		000	FEW AC/CI/ 312 1031	SEA
SA	1946	CLR	20			140	56	35	05	06		000		SEA
SA	2046	CLR	20		138	~~148~~	55	34	05	05		000		SEA
SA	2148	CLR	20			142	54	35	07	05		002	307 73	SEA
SA	2246	CLR	20			142	53	34	35	02		002		SEA
SA	2350	CLR	20			144	51	35	00	00		003		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_X hVV$ Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 16

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 19	26.610	53.7	43.8	47	0															0	1	.005			00-01
01 50	26.615	49.0	42.2	57	0															0					01-02
02 45	26.600	47.8	40.7	53	0															0					02-03
03 50	26.610	48.2	43.2	68	0															0	0	.000			03-04
04 48	26.620	48.0	43.1	68	0															0					04-05
05 51	26.620	48.0	43.2	68	0															0					05-06
06 49	26.635	49.9	43.8	63	0															0	3	.025			06-07
07 52	26.640	57.3	46.0	42	0															0					07-08
08 50	26.650	63.7	48.2	31	0															0					08-09
09 50	26.645	66.7	49.6	28	0															0	0	.010			09-10
10 50	26.630	71.0	52.2	27	0															0					10-11
11 46	26.620	71.2	51.0	23	0															0					11-12
12 52	26.590	72.7	51.8	22	3	0	Cu	80	3	Cs	250	3								1	7	.055			12-13
13 47	26.580	73.9	52.8	23	3															1					13-14
14 50	26.550	74.2	53.5	24	4															1					14-15
15 50	26.565	72.8	52.5	24	2	2	Ci	250												1	5	.025			15-16
16 50	26.565	70.4	51.9	27	6															3					16-17
17 50	26.575	64.8	49.7	33	3															1					17-18
18 50	26.585	59.1	48.0	45	2	2	Ci	250												1	3	.020			18-19
19 50	26.585	57.1	48.1	52	4															2					19-20
20 50	26.600	55.3	46.2	50	8															4					20-21
21 50	26.610	55.7	46.3	50	8	8	Ci	250												4	3	.025			21-22
22 50	26.600	54.3	46.0	54	7															3					22-23
23 50	26.590	53.4	45.2	54	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	54	46	X	X						X		
	0347	1	0	0	0	55	46		0								
	0946	2	0	0	0	68	45		0								
	1546	3	0	0	0	75	67		0								
	2146	4	0	0	0	73	54		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.645	26.565	26.610
BAROGRAPH 64	26.610	26.650	26.565	26.600
BAR. CORR. 65	0	-.005	±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
75	45	0	0	0	11	5	1404					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0900P ±1 Sec./ 2258P ±1 Sec./ ± Sec.

0156P/0150P

R/S = 0

S/P = 0

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 16

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			142	54	33	08	03		003	102	SEA
SA	0150	CLR	20			147	49	35 37	11	04		003		SEA
SA	0245	CLR	20			141	48	32	05	04		002		SEA
SA	0350	CLR	20			145	48	38	36	04		002	000 46 RADAT 20108	CRD
SA	0448	CLR	20			150	48	38	15	02		003		CRD
SA	0551	CLR	20			152	48	38	33	04		003		CRD
SA	0649	CLR	20			161	50	38	34	05		005	308	CRD
SA	0752	CLR	20			160	57	34	11	03		005		CRD
SA	0850	CLR	20			160	64	32	23	03		006		CRD
SA	0950	CLR	20			158	67	33	04	04		006	003 45	CRD
SA	1050	CLR	20			150	71	35	28	04		004	Cs NW	CRD
SA	1146	CLR	20			148	71	31	13	04		003	Cs NW	CRD
SA	1252	250-SCT	20			134	73	32	21	09		999	719 1108	CRD
SA	1347	250-SCT	20			132	74	33	21	08		998	Cu SE	CRD
SA	1450	250-SCT	20			121	74	35	29	03		996	Cu SE	CRD
SA	1550	250-SCT	20			128	73	34	20	04		997	508 1001 75 RADAT 33120	WRG
SA	1650	250-BKN	20			129	70	35	29	04		997		WRG
SA	1750	250-SCT	20			135	65	35	30	05		998		WRG
SA	1850	250-SCT	20			141	59	38	04	05		999	307 1001	WRG
SA	1950	250-SCT	20			138	57	40	21	04		999	wnd dir Vrbl.	WRG
SA	2050	250-BKN	20			141	55	37	05	05		001		WRG
SA	2150	250-BKN	20			144	56	37	00	00		002	308 1001 75	WRG
SA	2250	250-BKN	20			138	54	38	08	04		001		WRG
SA	2350	250-BKN	20			134	53	37	12	06		999		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww W_1 W_2$ $8N_h C_L C_M C_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 17

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR
00 50	26.600	56.0	46.4	49	9	9	Ci	250												4	5	.010			00-01
01 50	26.600	54.8	46.6	55	9															4					01-02
02 50	26.590	52.8	46.2	61	8															4					02-03
03 49	26.570	54.7	46.5	55	10	2	Sc	80	2	Ac	140	4	6	Cs	E250	10				10	8	.030			03-04
04 50	26.570	53.1	46.0	59	10															9					04-05
05 48	26.580	53.8	46.0	56	10															10					05-06
06 49	26.585	53.2	46.3	60	10	1	Ac	140	9	Cs	E250	10								10	3	.015			06-07
07 48	26.600	58.3	48.0	47	10															9					07-08
08 46	26.605	64.8	49.9	34	10															7					08-09
09 48	26.605	67.2	51.4	33	10	0	Cu	80	0	Ac	140	0	10	Cs	E250	10				6	1	.020			09-10
10 49	26.590	69.1	52.3	31	10															8					10-11
11 48	26.580	71.5	53.6	30	10															9					11-12
12 48	26.550	71.3	53.0	29	10	0	Cu	80	6	Cs	E190	6	4	Cs	250	10				10	7	.055			12-13
13 46	26.545	72.6	53.1	26	10															9					13-14
14 50	26.550	71.8	53.3	28	10															7					14-15
15 50	26.540	70.6	52.2	28	8	2	Sc	60	6	Cs	E190	8								6	8	.010			15-16
16 50	26.540	68.9	52.6	33	7															6					16-17
17 50	26.555	63.1	51.2	43	7															3					17-18
18 50	26.565	61.1	49.8	46	5	1	Sc	60	4	Cs	190	5								2	3	.025			18-19
19 50	26.575	58.5	48.3	48	3															1					19-20
20 50	26.585	57.0	47.7	51	2															2					20-21
21 ~~50~~ 50	26.575	57.6	47.8	49	2	2	Cs	190												2	0	.010			21-22
22 50	26.585	53.8	45.9	55	1															1					22-23
23 50	26.585	54.8	46.2	53	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 0846	X	0	0	X	57	52	X	X						X		
	0846	1	0	0	0	57	52		0								
	0945	2	0	0	0	68	52		0								
	1546	3	0	0	0	74	67		0								
	2146	4	0	0	0	71	55		0								
	MID.	X	0	0	0	58	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.605	26.540	26.575
BAROGRAPH 64	26.570	26.600	26.535	26.570
BAR. CORR. 65	0	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	52	0	0	0	12	SE	1338					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: 0745P ±1 Sec. / 2121P ±1 Sec. / ± Sec.

P/S = 0

S/P = 0

MF1-10B (1-82) SUPERSEDES MF1-10B (1-72) WHICH MAY BE USED

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 17

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	250 - BKN	20			136	56	37	10	03		001	503 1001	WRG
SA	0150	140 SCT 250 - BKN	20			136	55	39	32	05		001	wnd dir URBL	WRG
SA	0250	140 SCT 250 - BKN	20			129	53	40	00	00		998		WRG
SA	0349	80 SCT 140 SCT E250 OVC	20			125	55	39	11	05		997	810 1577 52 RADAT 43114	CRD
SA	0450	80 SCT 140 SCT E250 OVC	20			127	53	39	13	05		997		CRD
SA	0548	140 SCT E250 OVC	20			133	54	39	07	06		998		CRD
SA	0649	140 SCT E250 OVC	20			139	53	40	35	04		999	305 1077	CRD
SA	0748	140 SCT E250 OVC	20			143	58	38	23	03		001		CRD
SA	0846	140 SCT E250 OVC	20			143	65	36	28	03		002		CRD
SA	0948	E250 OVC	20			142	67	37	07	04		002	107 1177 52	CRD
SA	1049	190 SCT E250 OVC	20			137	69	38	13	06		999	FEW Cu AC	CRD
SA	1148	E 190 BKN 250 OVC	20			130	72	39	12	08		998	FEW Cu	CRD
SA	1248	E190 BKN 250 OVC	20			118	71	37	15	08		995	719 1107	CRD
SA	1346	E190 OVC	20			115	73	36	13	07		995	FEW Cu	CRD
SA	1450	E190 OVC	20			118	72	37	14	07		995	FEW Cu	CRD
SA	1550	60 SCT E190 BKN	20			114	71	36	15	07		994	803 1408 74 RADAT 72105	WRG
SA	1650	60 SCT E190 BKN	20			117	69	39	12	06		994		WRG
SA	1750	60 SCT 190 - BKN	20			126	63	41	22	05		996		WRG
SA	1850	60 SCT 190 - SCT	20			131	61	40	14	04		997	308 1408	WRG
SA	1950	80 SCT 190 - SCT	20			133	59	39	06	03		998		WRG
SA	2050	80 SCT 190 SCT	20			134	57	39	05	05		999		WRG
SA	2150	190 SCT	20			126	58	39	09	06		998	003 1008 74	WRG
SA	2250	190 SCT	20			133	54	38	00	00		999		WRG
SA	2350	CLR	20			132	55	38	00	00		999	FEW Ci SE	WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRMO, DESERT ROCK, NEVADA
DATE: 1983 OCT 18
To convert LST to GMT ADD 8 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	26.585	52.4	45.5	60	0	0	Cl	190												0	1	.010			00 01
01 50	26.585	51.1	44.7	61	0															0					01 02
02 50	26.570	49.9	44.3	65	0															0					02 03
03 50	26.580	49.6	45.1	72	3	3	Cs	250												1	8	.005			03 04
04 51	26.590	48.7	44.2	71	2															1					04 05
05 48	26.600	47.1	43.3	75	1															0					05 06
06 47	26.610	50.9	45.0	64	0															0	2	.030			06 07
07 48	26.620	58.2	48.2	49	0															0					07 08
08 46	26.615	63.7	52.0	46	0															0					08 09
09 48	26.605	69.0	52.2	31	0															0	8	.005			09 10
10 46	26.600	73.3	52.1	22	0															0					10 11
11 47	26.570	75.1	53.0	21	0															0					11 12
12 47	26.550	78.2	53.0	16	0	0	Cu	80												0	7	.055			12 13
13 47	26.540	78.0	53.7	18	0															0					13 14
14 50	26.530	77.5	54.3	20	0															0					14 15
15 50	26.540	76.8	53.5	19	0															0	5	.010			15 16
16 50	26.540	74.3	52.8	22	0															0					16 17
17 50	26.540	67.0	50.1	29	0															0					17 18
18 50	26.560	62.6	48.8	36	0															0	3	.020			18 19
19 50	26.560	60.8	47.9	38	0															0					19 20
20 50	26.575	58.9	47.0	41	0															0					20 21
21 50	26.580	56.3	46.0	46	0															0	2	.020			21 22
22 50	26.580	55.2	45.5	48	0															0					22 23
23 50	26.575	54.7	44.9	47	0															0					23 24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	55	47	X	X						X		
	0346	1	0	0	0	58	47		0								
	0945	2	0	0	0	70	45		0								
	1546	3	0	0	0	78	69		0								
	2146	4	0	0	0	77	55		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.605	26.540	26.580
BAROGRAPH 64	26.565	26.605	26.535	26.560
BAR. CORR. 65	+015	0	+005	+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
78	45	0	0	0	13	N	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: 0900P -1 SEC 2121P -1 Sec
1550P/503 / 1650P

RIS = 0
S/P = 0

MF1-10B

☆ U. S. GPO:1977-0-765-005/1131

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	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	0050	CLR	20			133	52	39	00	00		999	103 1005	WRG
SA	0150	CLR	20			133	51	38	12	05		999		WRG
SA	0250	CLR	20			129	50	39	36	04		997		WRG
SA	0350	250-SCT	20			133	50	41	07	04		998	802 1008 47 RADAT 75105	CRD
SA	0451	250-SCT	20			139	49	40	02	03		999		CRD
SA	0548	250-SCT	20			147	47	40	35	05		001		CRD
SA	0647	CLR	20			150	51	39	13	04		002	210	CRD
SA	0748	CLR	20			150	58	39	23	04		003		CRD
SA	0846	CLR	20			145	64	43	15	03		003		CRD
SA	0948	CLR	20			138	69	37	04	07		002	802 45	CRD
SA	1046	CLR	20			136	73	32	30	04		001		CRD
SA	1147	CLR	20			125	75	32	29	03		997	CU SE	CRD
SA	1247	CLR	20			116	78	28	36	07		995	719 1100	CRD
SA	1347	CLR	20			113	78	31	32	10		994	CU SE	CRD
SA	1450	CLR	20			110	78	34	36	07		993	CU SE	CRD
SA	1550	CLR	20			114	77	32	05	05		994	502 78 RADAT 20121	WRG
SA	1650	CLR	20			116	74	33	11	07		994		WRG
SA	1750	CLR	20			122	67	34	13	04		994		WRG
SA	1850	CLR	20			129	63	30	04	03		996	307	WRG
SA	1950	CLR	20			125	61	35	02	04		996		WRG
SA	2050	CLR	20			129	59	35	03	04		998		WRG
SA	2150	CLR	20			131	56	36	12	05		998	207 78	WRG
SA	2250	CLR	20			128	55	36	00	00		998		WRG
SA	2350	CLR	20			126	55	35	32	03		998		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 19

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	26.575	57.2	45.8	42	0															0	6	.005			00 01
01 50	26.580	51.2	43.2	53	0															0					01 02
02 50	26.580	53.1	44.1	49	0															0					02 03
03 48	26.580	52.2	43.4	49	0															0	1	.005			03 04
04 50	26.580	59.0	45.4	33	0															0					04 05
05 48	26.580	59.2	45.4	33	0															0					05 06
06 51	26.660	60.2	46.3	33	0															0	3	.020			06 07
07 45	26.610	64.0	48.0	29	0															0					07 08
08 48	26.610	66.8	49.3	27	0															0					08 09
09 47	26.600	69.8	50.7	24	0	0	CI	300												0	0	.000			09 10
10 53	26.570	73.2	52.5	23	0															0					10 11
11 49	26.545	75.9	53.1	20	0															0					11 12
12 49	26.510	78.3	54.5	19	0															0	7	.090			12 13
13 55	26.500	77.0	54.8	19	0															0					13 14
14 50	26.490	78.2	54.0	18	0															0					14 15
15 50	26.490	78.8	53.9	17	0															0	6	.020			15 16
16 50	26.500	75.4	53.3	21	0															0					16 17
17 50	26.510	68.2	50.0	26	0															0					17 18
18 50	26.520	62.8	48.1	33	0															0	2	.030			18 19
19 50	26.540	62.4	48.1	34	0															0					19 20
20 50	26.545	58.2	46.2	40	0															0					20 21
21 50	26.555	61.3	46.9	33	0															0	2	.035			21 22
22 50	26.565	58.3	45.9	38	0															0					22 23
23 50	26.555	54.9	44.3	42	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 0344		0	0		58	50										
	0344	1	0	0	0	58	50		0								
	0943	2	0	0	0	70	52		0								
	1546	3	0	0	0	80	70		0								
	2146	4	0	0	0	79	56		0								
	MID.		0	0	0	61	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.490	26.555
BAROGRAPH 64	26.565	26.600	26.490	26.555
BAR. CORR. 65	+.015	±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
80	50	0	0	0	17	NW	0556					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: 0747P @ 0 Sec. / 2240P @ 0 Sec. / ± Sec.

* BAROGRAPH CHANGED - RESET TO ±.0 CORR

R/S = 0

S/P = 0

MF 1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 19

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	CLR	20			124	57	34	12	06		998	602	WRG
SA	0150	CLR	20			128	51	35	12	06		998		WRG
SA	0250	CLR	20			127	53	34	08	07		998		WRG
SA	0348	CLR	20			127	52	34	12	05		998	102 50 RADAT 22127	WRG
SA	0450	CLR	20			127	59	30	03	13		998		WRG
SA	0548	CLR	20			129	59	30	05	14		998		WRG
SA	0651	CLR	20			139	60	31	07	08		001	307	WRG
SA	0745	CLR	20			141	64	31	05	11		002		WRG
SA	0848	CLR	20			141	67	32	02	11		002	CI NW	WRG
SA	0947	CLR	20			138	70	32	03	09		001	000 1001 50	WRG
SA	1053	CLR	20			125	73	33	05	10		997		WRG
SA	1149	CLR	20			114	76	32	02	06		995		WRG
SA	1249	CLR	20			097	78	33	10	06		991	730	WRG
SA	1355	CLR	20			097	79	33	33	04		990		WRG
SA	1450	CLR	20			093	78	32	30	05		988		WRG
SA	1550	CLR	20			092	79	30	05	04		988	607 80 RADAT 20138	WRG
SA	1650	CLR	20			095	75	33	12	07		990		WRG
SA	1750	CLR	20			102	66	32	12	08		991		WRG
SA	1850	CLR	20			109	63	33	05	03		992	210	WRG
SA	1950	CLR	20			115	62	34	34	04		994		WRG
SA	2050	CLR	20			116	58	34	30	03		995		WRG
SA	2150	CLR	20			118	61	32	11	04		996	212 80	WRG
SA	2250	CLR	20			122	58	33	00	00		997		WRG
SA	2350	CLR	20			118	55	33	01	04		996		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 20

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	26.555	53.0	43.3	46	0															0	0	.000			00 01
01 50	26.565	53.6	44.0	46	0															0					01 02
02 50	26.560	52.0	43.1	48	0															0					02 03
03 50	26.570	48.9	41.7	55	0															0	3	.015			03 04
04 50	26.580	47.7	41.3	59	0															0					04 05
05 48	26.590	48.0	41.4	58	0															0					05 06
06 51	26.610	53.6	45.0	51	0															0	3	.040			06 07
07 47	26.620	59.0	46.7	39	0															0					07 08
08 49	26.630	67.8	51.2	31	0															0					08 09
09 51	26.620	71.0	51.6	25	0															0	0	.010			09 10
10 51	26.615	75.7	52.4	18	0															0					10 11
11 45	26.610	77.7	52.5	15	0															0					11 12
12 53	26.570	79.2	54.1	17	0															0	8	.050			12 13
13 50	26.560	80.0	55.1	18	0															0					13 14
14 50	26.560	79.7	53.3	14	0															0					14 15
15 46	26.560	79.4	54.1	16	0	0	61	250												0	6	.010			15 16
16 46	26.570	75.4	52.8	20	1															0					16 17
17 47	26.575	65.6	50.1	32	0															0					17 18
18 48	26.595	65.3	48.6	28	0															0	2	.035			18 19
19 47	26.610	61.6	47.6	34	0															0					19 20
20 47	26.630	59.0	46.1	36	0															0					20 21
21 45	26.640	56.1	45.0	41	0															0	2	.045			21 22
22 49	26.655	56.6	45.1	40	0															0					22 23
23 48	26.665	54.2	44.0	44	0															0					23 24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	55	48	X	X						X		
	0345	1	0	0	0	61	48		0								
	0946	2	0	0	0	71	48		0								
	1542	3	0	0	0	81	71		0								
	2142	4	0	0	0	79	56		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1544	214[illegible]
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.560	2666
BAROGRAPH 64	26.575	26.620	26.575	2665
BAR. CORR. 65	-.005	±.0	-.015	-.01[illegible]

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	48	0	0	0	13	NW	1357					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: 0552P ±0 Sec. / 1728P ±0 Sec. / ± Sec.

RS/O

SP/O

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 20

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	CLR	20			119	53	33	36	03		996	000	WRG
SA	0150	CLR	20			121	54	34	06	04		997		WRG
SA	0250	CLR	20			119	52	33	05	04		996		WRG
SA	0350	CLR	20			125	49	34	01	04		997	305 48 RADAT 20131	
SA	0450	CLR	20			132	48	34	29	05		998		
SA	0548	CLR	20			139	48	34	07	03		999		
SA	0651	CLR	20			146	54	36	32	04		002	314	
SA	0747	CLR	20			148	59	34	27	03		003		
SA	0849	CLR	20			149	68	36	08	04		004		
SA	0951	CLR	20			143	71	33	06	04		003	003 48	
SA	1051	CLR	20			139	76	29	12	08		003		
SA	1145	CLR	20			138	78	27	06	04		002		
SA	1253	CLR	20			123	79	30	36	03		997	817	
SA	1350	CLR	20			118	80	33	24	10		996		
SA	1450	CLR	20			120	80	26	25	12		996		
SA	1546	CLR	20			121	79	30	26	06		996	603 1001 81 RADAT 20132	SH
SA	1646	250 -SCT	20			128	75	31	27	06		997		SH
SA	1747	CLR	20			135	66	35	03	06		998		SH
SA	1848	CLR	20			139	65	31	10	06		000	212	SH
SA	1947	CLR	20			144	62	33	12	05		002		SH
SA	2047	CLR	20			148	59	32	10	05		004		SH
SA	2145	CLR	20			151	56	33	35	08		005	215 81	SH
SA	2249	CLR	20			156	57	33	19	05		007		SH
SA	2348	CLR	20			160	54	33	09	02		008		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 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	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 48	26.670	53.3	43.2	44	0															0	1	.030			00-01
01 46	26.680	51.3	43.1	52	0															0					01-02
02 46	26.680	51.0	42.8	52	0															0					02-03
03 47	26.690	49.7	42.0	53	0	0	CI	280												0	2	.020			03-04
04 50	26.705	48.4	41.7	58	1															1					04-05
05 47	26.720	47.9	41.4	59	4															3					05-06
06 46	26.740	51.2	43.7	56	2	2	CI	280												2	2	.050			06-07
07 45	26.750	57.7	46.0	40	3															2					07-08
08 47	26.760	64.5	48.5	30	4															3					08-09
09 45	26.760	70.4	51.0	24	5	5	CI	280												3	1	.020			09-10
10 47	26.750	75.3	52.4	19	5															3					10-11
11 46	26.730	76.2	53.8	21	8															6					11-12
12 47	26.710	78.7	53.4	16	8	8	CI	E280												6	8	.050			12-13
13 47	26.705	79.8	54.4	17	5															4					13-14
14 50	26.700	79.3	54.5	18	4															3					14-15
15 46	26.700	78.7	54.4	18	3	3	CI	280												2	6	.010			15-16
16 47	26.700	75.0	52.4	19	1															1					16-17
17 47	26.710	65.1	50.4	35	0															0					17-18
18 45	26.720	61.1	48.2	38	0															0	3	.020			18-19
19 46	26.730	59.1	47.0	40	0															0					19-20
20 46	26.740	56.0	45.6	45	0															0					20-21
21 48	26.750	55.6	45.0	44	0															0	2	.030			21-22
22 45	26.745	53.0	43.8	48	0															0					22-23
23 45	26.750	52.1	43.8	52	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	54	48	X	X						X		
	0343	1	0	0	0	57	48		0								
	0941	2	0	0	0	70	47		0								
	1542	3	0	0	0	81	70		0								
	2142	4	0	0	0	79	55		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26690	26760	26700	26750
BAROGRAPH 64	26700	26760	26710	26750
BAR. CORR. 65	-.010	±.0*	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	47	0	0	0	11	50	1358					4	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: 0615P ⊕0 Sec./ 1747P ⊕0 Sec./ ± Sec.

* BAROGRAPH CHANGED - RESET TO ±.0 CORR

SP-0

125-0

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVERS INITIALS (15)
SA	0048	CLR	20			161	53	32	02	04		008	110	SH
SA	0146	CLR	20			166	51	34	10	05		010		SH
SA	0246	CLR	20			166	51	34	09	04		010		SH
SA	0347	CLR	20			170	50	33	01	03		011	207 1001 48 RADAT 20130	
SA	0450	280 SCT	20			178	48	34	00	00		013		
SA	0547	280 SCT	20			190	48	34	02	06		014		
SA	0646	280 SCT	20			195	51	36	28	03		016	217 1001	
SA	0745	280 SCT	20			198	58	34	32	04		017		
SA	0847	280 SCT	20			200	65	32	10	03		018		
SA	0945	280 SCT	20			198	70	32	00	00		018	107 1001 47	
SA	1047	280 SCT	20			193	75	30	34	05		017		
SA	1146	E280 BKN	20			185	76	34	27	04		015		
SA	1247	E280 BKN	20			178	79	29	26	05		013	817 1001	
SA	1347	280 SCT	20			175	80	31	18	04		013		
SA	1450	280 SCT	20			174	79	32	26	04		012		
SA	1546	280 SCT	20			175	79	32	24	06		012	603 1001 81 RADAT 20133	SH
SA	1647	280 SCT	20			177	75	30	23	05		012		SH
SA	1747	CLR	20			187	65	37	08	04		013		SH
SA	1845	CLR	20			191	61	36	07	04		014	307	SH
SA	1946	CLR	20			191	59	35	06	05		015		SH
SA	2046	CLR	20			194	56	35	05	02		016		SH
SA	2148	CLR	20			195	56	34	04	03		017	210 81	SH
SA	2245	CLR	20			191	53	34	02	06		017		SH
SA	2345	CLR	20			194	52	35	12	02		017		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-364-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 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.
00 49	26.750	53.2	43.6	46	0															0	5	.000			00-01
01 47	26.740	51.6	43.1	50	0															0					01-02
02 48	26.740	49.2	42.1	56	0															0					02-03
03 50	26.730	48.1	41.6	59	0															0	7	.020			03-04
04 46	26.740	48.7	41.5	55	0															0					04-05
05 46	26.745	47.8	41.2	58	0															0					05-06
06 45	26.765	50.0	43.3	59	0															0	3	.035			06-07
07 46	26.780	57.3	47.3	48	0															0					07-08
08 47	26.780	65.8	50.7	35	0															0					08-09
09 45	26.770	73.4	53.3	25	0															0	0	.005			09-10
10 50	26.760	74.8	52.3	19	0															0					10-11
11 45	26.740	78.0	54.0	18	0															0					11-12
12 49	26.710	78.0	53.7	18	0															0	8	.060			12-13
13 48	26.700	79.6	53.6	15	0															0					13-14
14 50	26.680	78.8	53.4	16	0															0					14-15
15 48	26.670	78.0	52.8	15	0															0	7	.040			15-16
16 46	26.665	74.1	52.0	20	0															0					16-17
17 41	26.675	64.0	48.7	32	0															0					17-18
18 48	26.680	59.0	46.8	39	0															0	3	.010			18-19
19 48	26.685	58.1	46.0	39	0															0					19-20
20 47	26.690	56.7	45.7	40	0															0					20-21
21 46	26.690	54.8	44.1	42	0															0	1	.010			21-22
22 48	26.685	54.1	43.1	40	0															0					22-23
23 48	26.685	42.7	42.2	59	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 0345	X	0	0	X	53	48	X	X						X		
	0345	1	0	0	0	56	48		0								
	0941	2	0	0	0	73	47		0								
	1544	3	0	0	0	80	73		0								
	2142	4	0	0	0	78	54		0								
	MID.	X	0	0	0	55	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.770	26.670	26.690
BAROGRAPH 64	26.740	26.780	26.680	26.690
BAR. CORR. 65	-.010	-.010	-.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
80	47	0	0	0	12	SW	1408					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: 1505P (±0 Sec.) 1645P (±0 Sec.) ± Sec.

1848 / 1348

SP-0

RS-0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (100-360) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hg.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER INITIALS (15)
SA	0049	CLR	20			193	53	33	34	06		017	500	SH
SA	0147	CLR	20			189	52	34	00	00		016		SH
SA	0248	CLR	20			190	49	34	04	04		016		SH
SA	0332	CLR	20			186	48	34	03	03		015	707 48 RADAT 20133	SH
SA	0446	CLR	20			192	49	33	01	05		016		SH
SA	0546	CLR	20			200	48	34	00	00		017		SH
SA	0645	CLR	20			208	50	36	00	00		019	312	SH
SA	0746	CLR	20			212	57	38	00	00		021		SH
SA	0847	CLR	20			209	66	37	00	00		021		SH
SA	0945	CLR	20			201	73	36	00	00		019	002 H7	SH
SA	1050	CLR	20			197	75	30	24	04		018		SH
SA	1145	CLR	20			189	78	32	26	07		016		SH
SA	1249	CLR	20			177	78	31	29	09		013	820	SH
SA	1348	CLR	20			173	80	28	19	09		012		SH
SA	1450	CLR	20			167	79	28	24	06		010		SH
SA	1548	CLR	20			164	78	27	24	09		008	714 80 RADAT 20135	SH
SA	1646	CLR	20			164	74	30	26	04		008		SH
SA	1746	CLR	20			174	64	33	35	05		009		SH
SA	1848	CLR	20			178	59	34 ~~49~~	09	06		010	303	SH
SA	1948	CLR	20			176	58	33	12	03		011		SH
SA	2047	CLR	20			174	57	33	06	04		011		SH
SA	2146	CLR	20			171	55	32	06	06		011	103 80	SH
SA	2248	CLR	20			169	54	30	10	07		011		SH
SA	2348	CLR	20			169	49	35	10	03		011		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 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	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	26.690	52.2	42.4	44	0															0	7	.010			00-01
01 46	26.670	51.3	42.0	46	0															0					01-02
02 48	26.660	48.0	41.2	57	0															0					02-03
03 49	26.660	48.4	40.4	50	0															0	6	.020			03-04
04 47	26.650	48.6	40.5	50	0															0					04-05
05 45	26.650	47.5	40.4	55	0															0					05-06
06 47	26.655	50.5	42.5	52	0	0	Ci	250												0	5	.005			06-07
07 49	26.660	59.2	45.1	32	0															0					07-08
08 46	26.650	64.6	47.9	27	1															1					08-09
09 49	26.630	69.8	50.1	23	2	2	Ac	150	0	Ci	250	2								2	8	.025			09-10
10 48	26.600	73.0	51.2	20	4															4					10-11
11 51	26.575	75.5	52.8	20	7															7					11-12
12 50	26.550	75.5	51.6	16	6	1	Cu	80	6	Ac	E120	6	0	Ci	200	6				6	7	.080			12-13
13 49	26.540	77.6	53.2	17	1															1					13-14
14 49	26.530	77.8	51.8	13	1															1					14-15
15 51	26.520	75.8	50.7	13	5	5	Ac	120												3	7	.030			15-16
16 48	26.515	73.4	50.1	17	6															4					16-17
17 50	26.510	68.1	48.8	22	8															6					17-18
18 50	26.520	63.8	47.3	27	6	6	Ac	E100												4	5	.000			18-19
19 50	26.550	68.0	48.7	22	6															4					19-20
20 51	26.580	66.0	51.0	35	2															2					20-21
21 50	26.590	64.8	51.0	39	2	2	Ac	150												2	1	.070			21-22
22 49	26.600	65.0	51.0	39	7															6					22-23
23 48	26.620	63.2	50.1	40	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 0344	X	0	0	X	52	48	X	X						X		
	0344	1	0	0	0	55	48		0								
	0945	2	0	0	0	70	47		0								
	1544	3	0	0	0	78	69		0								
	2143	4	0	0	0	76	62		0								
	MID.	X	0	0	0	66	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.630	26.570	26.590
BAROGRAPH 64	26.660	26.640	26.580	26.585
BAR. CORR. 65	0	-.010	± 0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	47	0	0	0	28	NE	2141					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 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 1044 P (±0 Sec.) 1755 P (±0 Sec.) ± Sec.

RS=0/SP=1

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **1983 OCT 28**

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			166	52	31	12	03		010	703	SH
SA	0146	CLR	20			162	57	31	31	03		008		SH
SA	0248	CLR	20			159	48	33	08	05		007		SH
SA	0349	CLR	20			160	48	31	00	00		007	607 48 RADAT 20135	EP
SA	0447	CLR	20			159	49	31	13	03		006		EP
SA	0545	CLR	20			165	48	32	13	03		006		EP
SA	0647	CLR	20			167	51	34	34	05		007	502 1001	EP
SA	0749	CLR	20			165	59	29	13	03		007		EP
SA	0846	150 SCT 250 SCT	20			159	65	30	28	04		006		EP
SA	0949	150 SCT 250 SCT	20			149	70	30	22	06		004	808 1031 47	EP
SA	1048	150 SCT 250 SCT	20			136	73	29	24	06		001		EP
SA	1151	150 SCT E200 BKN	20			128	76	31	24	11		998		EP
SA	1250	80 SCT E120 BKN 200 BKN	20			118	76	27	27	10		995	727 1233	EP
SA	1347	120 SCT	20			112	78	29	21	09		994		EP
SA	1449	120 SCT	20			111	78	23	22	11		993	TCU DSNT NE	EP
SA	1551	120 SCT	20			108	76	22	22	13		993	710 1030 78 RADAT 57124	SFA
SA	1648	E120 BKN	20			108	73	25	23	08		992		SFA
SP	1746	E100 BKN	20				(68)	(28)	07	07		991	WSHFT 40	SFA
SA	1750	E100 BKN	20			109	68	28	06	05		991		SFA
SA	1850	E100 BKN	20			114	64	29	03	07		993	500 1070	SFA
SA	1950	100 SCT E150 BKN	20			117	68	28	03	11		996		SFA
SA	2051	150 SCT	20			127	66	38	04	14	G26	999		SFA
SA	2150	150 SCT	20			130	65	39	05	17	G28	000	124 1030 78	SFA
SA	2249	E100 BKN 150 BKN	20			131	65	39	05	16	G24	002		SFA
SA	2348	100 SCT	20			139	63	38	14	07		004		SFA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 24

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 48	26.630	61.8	49.9	43	0	0	AC	100												0	2	.010			00-01
01 48	26.660	60.5	49.4	46	0															0					01-02
02 49	26.665	59.9	49.1	47	0															0					02-03
03 50	26.695	59.9	49.0	47	0	0	AC	100												0	2	.065			03-04
04 46	26.710	58.1	48.1	49	0															0					04-05
05 47	26.740	57.8	47.8	49	0															0					05-06
06 49	26.770	57.0	47.9	52	0	0	Sc	70												0	3	.075			06-07
07 48	26.800	61.6	49.0	40	0															0					07-08
08 45	26.810	63.6	50.3	39	0															0					08-09
09 49	26.810	66.3	50.9	34	0	0	Cu	70												0	1	.040			09-10
10 46	26.790	70.8	51.9	26	0															0					10-11
11 45	26.780	72.0	51.2	21	0															0					11-12
12 50	26.770	73.5	50.1	15	0	0	Cu	80												0	6	.040			12-13
13 50	26.750	73.8	50.7	17	0															0					13-14
14 50	26.750	74.8	49.4	11	0															0					14-15
15 52	26.775	72.4	48.9	14	0															0	5	.005			15-16
16 51	26.790	70.1	46.4	10	0															0					16-17
17 50	26.810	67.6	45.8	13	0															0					17-18
18 50	26.810	66.4	46.2	17	0															0	3	.035			18-19
19 49	26.830	62.4	43.0	15	0															0					19-20
20 48	26.850	61.0	42.9	18	0															0					20-21
21 48	26.860	58.2	40.5	15	0															0	1	.050			21-22
22 49	26.870	58.1	41.4	19	0															0					22-23
23 45	26.880	56.5	40.4	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	64	59	X	X						X		
	0344	1	0	0	0	66	59		0								
	0944	2	0	0	0	66	57		0								
	1544	3	0	0	0	75	66		0								
	2143	4	0	0	0	73	56		0								
	MID.	X	0	0	0	58	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1544	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.695	26.810	26.775	26.860
BAROGRAPH 64	26.695	26.830	26.780	26.870
BAR. CORR. 65	+0	+.020	-.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
75	56	0	0	0	30	NE	1434					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/TE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0930 P (+) 0 Sec./ 2015 P (+) 0 Sec./ ± Sec.

0748/0748

0949/0949

RS=0

SP=0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **1983 OCT 24**

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	0048	CLR	20			143	62	39	06	04		005	FEW AC*/ 214 1030 * WND LGT VRBL	SEA
SA	0148	CLR	20			151	61	39	07	07		007		SEA
SA	0249	CLR	20			156	60	39	08	11		009		SEA
SA	0350	CLR	20			168	60	39	06	16		012	FEW AC / 222 1030 59	SEA
/	/											/	RADAT 75166	/
SA	0446	CLR	20			176	58	39	03	14		013		EP
SA	0547	CLR	20			191	58	39	06	12		016		EP
SA	0649	CLR	20			205	57	40	07	10		019	325 1500	EP
SA	0748	CLR	20			212	62	37	08	12		~~021~~		EP
SA	0845	CLR	20			216	64	38	09	10		024		EP
SA	0949	CLR	20			215	66	37	~~06~~	~~14~~		024	114 1100 57	EP
SA	1046	CLR	20			205	71	34	05	10		022		EP
SA	1145	CLR	20			202	72	31	02	15		021		EP
SA	1250	CLR	20			198	74	24	01	20	G25	019	614 1100	EP
SA	1350	CLR	20			190	74	26	03	15	G21	017		EP
SA	1450	CLR	20			190	75	18	03	16	G26	017	3	EP
SA	1552	CLR	20			202	72	20	04	19	G26	021	502 75 RADAT 20L1H122129	SEA
SA	1657	CLR	20			202	70	12	05	21	G28	020		SEA
SA	1750	CLR	20			210	68	16	06	14		023		SEA
SA	1850	CLR	20			220	66	20	06	11		025	312	SEA
SA	1949	CLR	20			227	62	14	08	04		027		SEA
SA	2048	CLR	20			233	61	17	01	13		029		SEA
SA	2148	CLR	20			237	58	11	03	12		030	117 75	SEA
SA	2249	CLR	20			239	58	16	05	14		031		SEA
SA	2345	CLR	20			243	57	15	05	11		032		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 25

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 48	26.940	54.1	39.2	21	0															0	2	.030			00-01
01 47	26.905	52.0	38.0	23	0															0					01-02
02 47	26.905	52.4	38.3	22	0															0					02-03
03 50	26.900	54.7	39.6	22	0															0	0	.010			03-04
04 50	26.915	52.2	38.8	26	0															0					04-05
05 49	26.920	53.8	40.0	26	0															0					05-06
06 49	26.935	56.5	41.5	24	0															0	3	.035			06-07
07 46	26.950	59.0	43.0	23	0															0					07-08
08 48	26.940	63.2	45.5	22	0															0					08-09
09 50	26.935	67.6	48.6	22	0															0	0	.000			09-10
10 49	26.920	71.2	50.2	20	0															0					10-11
11 48	26.880	73.5	51.1	18	0															0					11-12
12 45	26.860	75.5	52.2	18	0															0	7	.075			12-13
13 48	26.840	76.7	52.5	17	0															0					13-14
14 50	26.835	75.5	52.0	17	0															0					14-15
15 52	26.835	75.3	52.9	21	0															0	6	.025			15-16
16 47	26.840	73.6	51.4	19	0															0					16-17
17 48	26.840	66.2	49.0	27	0															0					17-18
18 48	26.845	68.1	49.5	24	0															0	2	.010			18-19
19 47	26.845	66.5	49.0	26	0															0					19-20
20 46	26.845	62.0	47.2	32	0															0					20-21
21 47	26.845	60.8	46.5	32	0															0	4	.000			21-22
22 47	26.845	60.0	46.2	32	0															0					22-23
23 48	26.845	57.2	45.0	38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	57	52	X	X						X		
	0345	1	0	0	0	58	52		0								
	0945	2	0	0	0	68	52		0								
	1547	3	0	0	0	77	68		0								
	2143	4	0	0	0	76	59		0								
	MID.	X	0	0	0	62	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.900	26.935	26.835	26.845
BAROGRAPH 64	26.910	26.935	26.830	26.840
BAR. CORR. 65	-.010	* 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 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
77	52	0	0	0	19	NE	1018					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: 0850P @ 0 Sec. / 2215P @ 0 Sec. ± Sec.

* BAROGRAPH CHANGED 0955P RESET TO 0 COR

RS/0
SD/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 25

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)	OB. SERVERS INITIALS (15)
SA	0048	CLR	20			247	54	15	06	10		034	210 (CUR 0859)	SEA
SA	0147	CLR	20			253	52	15	04	11		035		SEA
SA	0247	CLR	20			253	53	15	03	12		035		SEA
SA	0350	CLR	20			251	55	16	03	12		034	003 52 RADAT 20147	EP
SA	0450	CLR	20			260	52	18	04	13		035		EP
SA	0549	CLR	20			262	54	20	05	14		036		EP
SA	0649	CLR	20			267	57	21	05	15		037	312	EP
SA	0746	CLR	20			274	59	22	04	14		040		EP
SA	0848	CLR	20			268	63	24	03	13		038		EP
SA	0950	CLR	20			265	68	28	04	09		037	000 52	EP
SA	1049	CLR	20			257	71	28	10	10		036		EP
SA	1148	CLR	20			242	74	28	11	14		032		EP
SA	1245	CLR	20			235	76	29	12	12		029	725	EP
SA	1348	CLR	20			227	77	28	11	13		027		EP
SA	1450	CLR	20			226	76	28	11	13		026		EP
SA	1552	CLR	20			225	75	32	07	09		027	608 77 RADAT 20143	SEA
SA	1647	CLR	20			229	74	29	08	05		028		SEA
SA	1748	CLR	20			233	66	31	04	05		028		SEA
SA	1848	CLR	20			231	68	30	04	07		029	203	SEA
SA	1947	CLR	20			231	67	31	08	10		029		SEA
SA	2046	CLR	20			231	62	32	03	07		029		SEA
SA	2147	CLR	20			230	61	31	03	11		029	400 77	SEA
SA	2247	CLR	20			229	60	30	05	05		029		SEA
SA	2348	CLR	20			228	57	32	13	03		029		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Hiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 26

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 48	26.835	52.4	43.1	47	0															0	8	.016			00-01
01 50	26.830	59.2	45.5	34	0															0					01-02
02 46	26.820	59.0	45.2	32	0															0					02-03
03 50	26.810	60.1	45.6	31	0															0	7	.025			03-04
04 47	26.810	60.8	45.8	30	0															0					04-05
05 48	26.820	58.2	44.9	34	0															0					05-06
06 47	26.820	61.0	46.0	30	0															0	1	.010			06-07
07 48	26.830	64.6	49.1	32	0															0					07-08
08 47	26.820	68.8	50.3	26	0															0					08-09
09 48	26.800	70.7	50.8	23	0															0	8	.020			09-10
10 46	26.780	76.5	53.5	20	0															0					10-11
11 45	26.750	77.8	53.6	18	0															0					11-12
12 48	26.720	78.7	53.4	16	0															0	8	.080			12-13
13 48	26.695	80.0	53.6	14	0															0					13-14
14 58	26.690	78.6	53.2	15	0															0					14-15
15 55	26.680	78.2	53.0	16	0															0	6	.040			15-16
16 53	26.670	73.6	51.2	18	0															0					16-17
17 48	26.680	67.8	49.0	23	0															0					17-18
18 48	26.680	63.5	46.4	24	0															0	5	.000			18-19
19 52	26.680	60.1	46.0	32	0															0					19-20
20 49	26.690	61.0	45.0	26	0															0					20-21
21 49	26.700	57.2	44.1	34	0															0	3	-.020			21-22
22 49	26.690	58.2	43.7	29	0															0					22-23
23 45	26.680	56.4	43.0	31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	60	52	X	X						X		
	0345	1	0	0	0	62	52		0								
	0944	2	0	0	0	71	58		0								
	1550	3	0	0	0	80	71		0								
	2146	4	0	0	0	78	57		0								
	MID.	X	0	0	0	58	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1555	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.800	26.680	26.700
BAROGRAPH 64	26.810	26.800	26.680	26.680
BAR. CORR. 65	0	0	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	52	0	0	0	21	E	1339					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: 0930P (±0 Sec.) 1830P (±0 Sec.) ± Sec.

0150P/0150P 0350P/0350P

RS/0

SP/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 28

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0048	CLR	20			226	52	33	04	04		026	803	SA
SA	0250	CLR	20			220	59	30	36	07		027		SA
SA	0416	CLR	20			217	59	30	05	09		026		SA
SA	0450	CLR	20			214	60	29	05	10		024	708 52 RADAT 20141	EP
SA	0447	CLR	20			214	61	29	01	06		024		EP
SA	0548	CLR	20			222	58	30	06	07		025		EP
SA	0647	CLR	20			220	61	29	03	13		025	103	EP
SA	0748	CLR	20			223	65	34	02	10		026		EP
SA	0847	CLR	20			219	69	32	07	08		025		EP
SA	0948	CLR	20			211	71	31	05	05		023	807 52	EP
SA	1046	CLR	20			201	77	32	12	10		021		EP
SA	1145	CLR	20			190	78	31	15	12		019		EP
SA	1248	CLR	20			181	79	29	11	11		014	827	EP
SA	1348	CLR	20			167	80	27	09	13		011		EP
SA	1458	CLR	20			165	79	28	10	15		011		EP
SA	1555	CLR	20			162	78	28	08	15		010	614 80 RADAT 20130	CG
SA	1653	CLR	20			160	74	28	07	09		008		CG
SA	1749	CLR	20			168	68	29	06	10		010		CG
SA	1848	CLR	20			168	64	27	04	05		010	500	CG
SA	1952	CLR	20			168	60	31	31	04		010		CG
SA	2049	CLR	20			170	61	26	12	02		011		CG
SA	2149	CLR	20			174	57	29	05	05		012	307 80	CG
SA	2249	CLR	20			168	58	26	09	08		011		CG
SA	2345	CLR	20			168	56	26	09	07		011		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_X hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 OCT 27

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	26.680	55.4	43.2	34	0															0	8	.020			00-01
01 49	26.660	56.6	43.7	34	0															0					01-02
02 48	26.650	55.0	43.4	38	0															0					02-03
03 47	26.650	53.5	42.0	39	0															0	6	.030			03-04
04 47	26.650	54.1	42.9	39	0															0					04-05
05 48	26.655	50.6	41.0	43	0															0					05-06
06 50	26.665	55.6	43.2	35	0	0	Ac	100												0	3	.015			06-07
07 51	26.685	63.8	48.4	31	0															0					07-08
08 50	26.685	66.8	48.8	25	0															0					08-09
09 46	26.685	69.6	49.4	22	0	0	Ac	120												0	1	.020			09-10
10 50	26.685	75.0	51.7	18	1															1					10-11
11 48	26.655	76.0	52.0	16	0															0					11-12
12 49	26.630	78.1	52.7	15	0	0	Cu	70	0	Ac	120	0								0	8	.05			12-13
13 49	26.615	77.7	52.4	15	0															0					13-14
14 50	26.610	77.5	53.3	19	0															0					14-15
15 47	26.610	76.9	53.0	18	0	0	Ac	140												0	6	.020			15-16
16 52	26.610	72.7	52.7	25	0															0					16-17
17 48	26.630	67.0	50.0	29	0															0					17-18
18 48	26.640	64.1	49.0	33	0	0	Ac	140												0	3	.030			18-19
19 50	26.660	58.8	47.3	42	0															0					19-20
20 50	26.680	56.8	46.0	44	0															0					20-21
21 48	26.690	55.3	45.7	48	0															0	2	.050			21-22
22 46	26.690	55.4	46.1	50	0															0					22-23
23 48	26.710	54.8	45.5	49	1															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341		0	0		57	53										
	0341	1	0	0	0	58	53		0								
	0940	2	0	0	0	70	50		0								
	1544	3	0	0	0	79	70		0								
	2147	4	0	0	0	77	55		0								
	MID.		0	0	0	55	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0341	0941	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.685	26.610	26.690
BAROGRAPH 64	26.640	26.670	26.600	26.670
BAR. CORR. 65	+.010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	50	0	0	0	12	SE	1353*					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: 1015 ( ) Sec. 1515 ( ) Sec. ! Sec.

1148/1148

* LAST OF SEVERAL OCCURRENCES

SP = 0

RS = 0

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 27

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			164	56	28	20	06		010	807	CG
SA	0149	CLR	20			155	57	29	08	09		007		CG
SA	0248	CLR	20			153	55	30	09	05		006		CG
SA	0347	CLR	20			154	54	28	06	05		007	610 53 RADAT 64115	RD
SA	0449	CLR	20			155	54	30	10	06		007		RD
SA	0548	CLR	20			163	51	29	07	06		007		RD
SA	0650	CLR	20			166	56	28	11	04		008	305 1030	RD
SA	0751	CLR	20			171	64	33	35	05		011		RD
SA	0850	CLR	20			167	67	30	04	05		011		RD
SA	0946	CLR	20			167	70	28	34	06		011	107 1030 50	RD
SA	1050	140 SCT	20			166	75	28	12	07		011		RD
SA	1148	CLR	20			156	76	28	10	06		007		RD
SA	1249	CLR	20			145	78	27	11	08		004	819 1130	RD
SA	1347	CLR	20			139	78	26	12	08		003		RD
SA	1450	CLR	20			138	78	32	14	07		002		RD
SA	1547	CLR	20			139	77	30	12	09		002	607 1070 79 RADAT 46114	CG
SA	1652	CLR	20			140	73	35	12	05		002		CG
SA	1748	CLR	20			154	67	34	08	03		004		CG
SA	1848	CLR	20			156	64	34	12	07		005	310 1070	CG
SA	1950	CLR	20			162	59	36	07	05		007		CG
SA	2050	CLR	20			169	57	35	04	07		010		CG
SA	2148	CLR	20			172	55	36	10	04		011	217 79	CG
SA	2246	CLR	20			170	55	37	04	03		011		CG
SA	2348	140 SCT	20			177	55	36	06	03		013		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 28

To convert LST to GMT: ADD X 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	26.760	55.3	46.8	54	1	1	Ac	140												1	0	.016			00-01
01 50	26.700	54.1	45.4	51	1															1					01-02
02 45	26.700	52.3	45.1	58	1															1					02-03
03 51	26.725	52.6	45.3	56	3	2	Ac	140	1	Ci	250	3								3	3	.025			03-04
04 50	26.760	49.3	44.2	68	3															3					04-05
05 48	26.755	51.0	44.0	59	6															4					05-06
06 47	26.765	50.6	44.4	62	8	2	Ac	140	6	Cs	250	8								4	3	.040			06-07
07 49	26.780	51.4	48.2	43	7															3					07-08
08 47	26.785	63.4	49.5	38	9															2					08-09
09 50	26.780	69.2	52.6	32	8	0	Cu	70	8	Cs	250	8								2	0	.015			09-10
10 50	26.765	72.9	54.4	29	8															2					10-11
11 48	26.745	75.2	55.2	27	8															2					11-12
12 49	26.730	75.1	55.6	29	8	0	Cu	70	8	Cs	250	8								2	7	.050			12-13
13 47	26.720	74.3	54.7	27	8															2					13-14
14 48	26.720	75.1	55.6	28	7															2					14-15
15 55	26.730	73.8	56.1	33	5	0	Cu	70	5	Cs	250	5								4	5	.600			15-16
16 48	26.730	69.5	54.0	36	1															1					16-17
17 48	26.740	62.7	51.6	48	0															0					17-18
18 50	26.750	60.5	50.3	50	0	0	Cs	250												0	3	.020			18-19
19 46	26.770	58.7	49.2	51	0															0					19-20
20 45	26.780	56.1	48.0	56	0															0					20-21
21 45	26.780	55.0	47.8	60	0	0	Cs	250												0	1	.030			21-22
22 47	26.780	52.8	45.3	57	0															0					22-23
23 49	26.770	52.0	47.0	70	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 0341	X	0	0	X	56	52	X	X						X		
	0345	1	0	0	0	56	52		0								
	0942	2	0	0	0	69	45		0								
	1548	3	0	0	0	77	69		0								
	2142	4	0	0	0	74	55		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1553	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.725	26.780	26.730	26.780
BAROGRAPH 64	26.705	26.770	26.720	26.760
BAR. CORR. 65	+.020	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	48	0	0	0	14	SW	1217					8	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0750 (0) Sec. / 1750 (0) Sec. ± Sec.

SP=0
RS=0

MF1-10B (1-82)

SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF 1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 28

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. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND GUARD (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQ. SEQUENCE (14)
SA	0051	140 SCT	20			172	55	39	06	02		012	003 1070	CG
SA	0150	140 SCT	20			173	54	37	08	05		012		CG
SA	0245	140 SCT	20			174	52	38	32	03		012		CG
SA	0351	140 SCT 250 SCT	20			184	53	37	10	07		015	308 1071 52 RADAT 71116	RD
SA	0450	140 SCT 250 SCT	20			201	49	39	05	03		018		RD
SA	0548	140 SCT E250 BKN	20			201	51	37	12	06		018		RD
SA	0649	140 SCT 250 -BKN	20			206	51	38	00	00		019	314 1038	RD
SA	0749	140 SCT 250 -BKN	20			211	60	37	32	03		021		RD
SA	0849	250 -BKN	20			212	63	37	26	03		022		RD
SA	0950	250 -BKN	20			206	69	38	27	05		021	005 1108 48	RD
SA	1050	250 -BKN	20			198	73	39	31	04		019		RD
SA	1148	250 -BKN	20			190	75	39	21	10		017		RD
SA	1249	250 -BKN	20			185	75	40	23	10		015	717 1108	RD
SA	1349	250 -BKN	20			182	74	38	22	06		014		RD
SA	1448	140 SCT 250 -BKN	20			182	75	40	21	08		014		RD
SA	1553	250 SCT	20			187	74	43	22	07		015	500 1108 77 RADAT 48115	CG
SA	1658	250 SCT	20			191	70	42	22	05		015		CG
SA	1748	CLR	20			198	63	43	03	03		016		CG
SA	1850	CLR	20			203	61	42	08	05		017	307 1008	CG
SA	1946	CLR	20			206	59	41	10	04		019		CG
SA	2045	CLR	20			210	56	41	05	04		020		CG
SA	2145	CLR	20			208	55	41	10	05		020	110 1008 77	CG
SA	2247	CLR	20			206	53	38	36	03		020		CG
SA	2349	CLR	20			209	52	43	07	02		022		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 29

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	26.780	52.0	46.6	68	0															0	0	.000			00-01
01 47	26.780	51.1	46.0	69	0															0					01-02
02 45	26.780	51.6	46.3	68	0															0					02-03
03 49	26.780	51.1	46.5	72	0															0	4	.000			03-04
04 49	26.785	50.9	46.2	71	0															0					04-05
05 46	26.785	49.3	45.0	73	2															1					05-06
06 48	26.780	50.4	45.6	70	5	0	Ac	120	5	Cs	200	5								2	0	.000			06-07
07 50	26.780	53.0	47.7	70	5															2					07-08
08 49	26.890	61.7	51.0	48	4															2					08-09
09 51	26.800	69.0	54.0	38	4	0	Sc	70	1	Ac	120	1	3	Cs	200	4				2	0	.026			09-10
10 47	26.785	72.7	55.0	32	4															2					10-11
11 50	26.760	72.9	55.1	32	5															2					11-12
12 49	26.745	72.8	55.1	32	8	0	Cu	70	4	Ac	100	4	4	Cs	E200	8				5	7	.055			12-13
13 47	26.726	75.0	56.0	30	8															5					13-14
14 50	26.720	74.4	56.6	33	8															6					14-15
15 52	26.720	72.2	56.0	36	9	4	Cu	70	5	Ac	E100	9								9	6	.025			15-16
16 54	26.720	70.1	55.0	38	10															9					16-17
17 48	26.730	68.9	55.2	42	10															10					17-18
18 46	26.730	68.0	54.6	43	10	4	Cu	70	6	Ac	E140	10								10	1	.010			18-19
19 47	26.730	66.7	54.2	45	10															10					19-20
20 47	26.720	66.4	54.7	48	10															10					20-21
21 49	26.730	62.8	53.6	56	10	4	Cu	70	6	Ac	E120	10								10	5	.000			21-22
22 48	26.720	60.8	52.3	58	8															4					22-23
23 48	26.720	57.8	51.4	57	5															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0344	X	0	0	X	52	50	X	X						X		
	0344	1	0	0	0	55	50		0								
	0945	2	0	0	0	69	49		0								
	1546	3	0	0	0	77	69		0								
	2145	4	0	0	0	72	63		0								
	MID.	X	0	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.800	26.720	26.730
BAROGRAPH 64	26.760	26.800	26.710	26.720
BAR. CORR. 65	+.015	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	49	0	0	0	11	SW	1713					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. | DR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0530P + 0 Sec. / 2251P 2 Sec. / Sec.

CHANGED MICROBAROGRAPH AT 0950 LST AND RESET TO 2820

1654P/1654P 0648P/0648P

~~SP = 0~~

~~P = 0~~

SP = 0

RS = 0

MF1-10A
(1-82)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 29

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)	TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	SPEED (Kts) (10)	CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			206	52	42	01	02		021	000	CG
SA	0147	CLR	20			207	51	41	33	03		021		CG
SA	0245	CLR	20			206	52	42	06	05		021		CG
SA	0349	CLR	20			206	51	42	03	03		021	400 50 RADAT 68112	RD
SA	0449	CLR	20			211	51	42	12	06		022		RD
SA	0546	200 -SCT	20			216	49	41	00	00		022		RD
SA	0648	200 -SCT	20			215	50	41	02	03		021	000 1078	RD
SA	0750	200 -SCT	20			217	53	44	03	02		022		RD
SA	0849	120 SCT 200 -SCT	20			223	62	42	30	03		024		RD
SA	0951	120 SCT 200 -SCT	20			216	69	42	34	03		023	007 1458 49	RD
SA	1047	70 SCT 200 -SCT	20			209	73	41	14	03		022		RD
SA	1150	70 SCT 200 -SCT	20			199	73	41	13	03		018		RD
SA	1249	100 SCT E200 BKN	20			192	73	41	29	04		017	719 1158	RD
SA	1347	70 SCT 100 SCT E200 BKN	20			184	75	41	21	07		014		RD
SA	1450	70 SCT E100 BKN 200 BKN	20			184	74	43	24	05		014		RD
SA	1552	70 SCT E100 BKN	20			185	72	44	23	08		014	608 1170 77 RADAT 94112	CG
SA	1654	70 SCT E100 ~~BKN~~ OVC	20			186	70	44	26	05		014		CG
SA	1748	70 SCT E140 OVC	20			192	69	45	24	09		015		CG
SA	1846	70 SCT E140 OVC	20			192	68	45	22	08		015	103 117/	CG
SA	1947	70 SCT E140 OVC	20			191	67	45	12	02		015		CG
SA	2047	70 SCT E140 OVC	20			182	66	46	03	05		014		CG
SA	2149	70 SCT E120 OVC	20			185	63	47	01	05		015	500 117/ 77	CG
SA	2248	120 SCT 250 -BKN	20			179	61	46	23	05		014		CG
SA	2348	120 SCT 250 SCT	20			179	60	45	05	04		014		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_h C_L C_M C_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 48	26.710	57.7	50.6	62	5	5	Cs	250												4	8	.020			00-01
01 48	26.710	54.5	49.3	70	3															2					01-02
02 50	26.700	56.0	50.0	67	2															2					02-03
03 51	26.695	56.4	50.0	65	7	2	Ac	150	5	Cs	250	7								3	7	.015			03-04
04 50	26.705	54.2	48.8	69	9															4					04-05
05 48	26.705	53.7	49.2	74	9															4					05-06
06 49	26.715	54.6	49.5	71	5	0	Ac	120	2	Ac	150	2	3	Cs	250	5				3	3	.020			06-07
07 48	26.730	59.6	51.7	60	3															2					07-08
08 47	26.730	64.2	53.8	52	3															2					08-09
09 50	26.730	68.7	55.6	44	6	0	Cu	80	5	Ac	120	5	1	Ac	E150	6				4	1	.015			09-10
10 50	26.710	68.8	55.4	43	6															4					10-11
11 50	26.680	71.6	56.8	40	8															7					11-12
12 50	26.670	71.2	56.4	42	9	1	Cu	80	7	Ac	E120	8	1	Ac	150	9				9	8	.060			12-13
13 48	26.640	73.4	57.0	37	7															6					13-14
14 50	26.640	74.7	57.2	34	6															6					14-15
15 49	26.635	72.9	56.2	35	6	4	Cu	50	2	Ac	E120	6								6	6	.035			15-16
16 50	26.640	69.1	54.7	40	2															2					16-17
17 49	26.650	65.7	52.7	42	0															0					17-18
18 47	26.660	64.1	52.0	45	0	0	Ac	120												0	3	.025			18-19
19 48	26.675	64.7	52.1	43	0															0					19-20
20 49	26.680	61.6	50.8	48	0															0					20-21
21 48	26.660	62.3	51.9	50	0															0	0	.000			21-22
22 47	26.650	57.7	49.2	56	0															0					22-23
23 49	26.655	58.2	49.2	54	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	60	54	X	X						X		
	0345	1	0	0	0	63	54		0								
	0945	2	0	0	0	69	52		0								
	1544	3	0	0	0	75	69		0								
	2144	4	0	0	0	73	61		0								
	MID.	X	0	0	0	62	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.730	26.635	26.660
BAROGRAPH 64	26.685	26.710	26.615	26.630
BAR. CORR. 65	+.010	+.020	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (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
75	52	0	0	0	24	SW	1453					6	4		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 10:41 P ± 1 Sec. 195 ± 1 Sec. ± Sec.

0950P-0950P

WEATHER & OBSTRUCTIONS TO VISION

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

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 OCT 30

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	0048	250 SCT	20			177	58	45	05	05		013	807 1008	CG
SA	0148	250 SCT	20			178	55	45	33	04		013		CG
SA	0250	250 SCT	20			174	56	45	09	05		012		CG
SA	0351	150 SCT 250 -BKN	20			172	56	45	09	04		012	705 1058 54 RADAT 65116	JD
SA	0450	150 SCT 250 -BKN	20			178	54	44	10	04		013		JD
SA	0548	150 SCT 250 -BKN	20			180	54	46	34	03		013		JD
SA	0649	150 SCT 250 SCT	20			184	55	45	01	04		014	307 1078	JD
SA	0748	150 SCT 250 SCT	20			187	60	46	34	02		015		JD
SA	0847	150 SCT 250 SCT	20			185	64	46	06	04		015		JD
SA	0950	120 SCT E150 BKN	20			185	69	46	20	05		015	105 1070 52	JD
SA	1050	120 SCT E150 BKN	20			177	69	46	09	03		013		JD
SA	1150	80 SCT E120 BKN 150 BKN	20			166	72	46	23	12		010		JD
SA	1250	80 SCT E120 BKN 150 BKN	20			162	71	47	21	12		008	820 1170	JD
SA	1348	80 SCT E120 BKN 150 BKN 250 BKN	20			152	73	45	22	12		005		JD
SA	1450	80 SCT 120 SCT E150 BKN 250 BKN	20			150	75	45	22	11		005		JD
SA	1549	50 SCT E120 BKN	20			149	73	44	21	14		005	612 1270 75 RADAT 91108	MR
SA	1650	50 SCT 120 SCT	20			154	69	44	20	07		005	TCU NE-E	MR
SA	1749	CLR	20			160	66	42	16	06		007	AC AL QDS	MR
SA	1847	CLR	20			164	64	42	15	04		008	308 1070	MR
SA	1948	CLR	20			167	65	42	15	05		009	FEW AC	MR
SA	2049	CLR	20			161	62	42	14	06		008	FEW AC	MR
SA	2148	CLR	20			158	62	44	18	07		008	000 75	MR
SA	2247	CLR	20			156	58	42	35	04		007		MR
SA	2349	CLR	20			156	58	41	01	03		007		MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Hiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE 1983 OCT 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10c-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			162	55	42	03	05		008	302	MR
SA	0148	CLR	20			159	53	42	03	04		007		MR
SA	0250	CLR	20			156	53	42	05	03		007		MR
SA	0349	70 SCT	20			161	52	42	05	04		007	502 1050 52 RADAT 74102	JD
SA	0449	CLR	20			162	50	42	12	03		007		JD
SA	0547	CLR	20			165	52	42	08	02		007	AC SE	JD
SA	0647	250 -BKN	20			175	51	43	15	04		010	307 1076	JD
SA	0748	250 -OVC	20			173	57	44	11	03		011		JD
SA	0848	250 -OVC	20			171	63	44	23	02		011		JD
SA	0948	70 SCT E250 OVC	20			170	67	45	20	04		011	203 1157 50	JD
SA	1048	70 SCT E250 OVC	20			165	66	46	22	04		008		JD
SA	1149	E250 OVC	20			153	67	46	24	05		005		JD
SA	1247	E250 OVC	20			152	68	46	22	06		004	820 1137	JD
SA	1347	50 SCT 120 SCT E250 OVC	20			147	70	47	25	07		003		JD
SA	1450	50 SCT 120 SCT E230 OVC	20			144	69	45	22	08		002		JD
SA	1550	50 SCT 120 SCT E230 OVC	20			144	69	46	21	10		002	607 1137 71 RADAT 47108	MR
SA	1645	50 SCT 120 SCT E230 BKN	20			149	66	45	20	11		003	TCU NE	MR
SA	1750	230 - SCT	20			156	63	43	22	08		004		MR
SA	1852	230 - SCT	20			165	60	44	24	06		007	CB DSNT NW-N OCNL LTGIC	MR
													314 1901	
SA	1949	230 - SCT	20			160	56	43	36	02		005	OCNL LTG DSNT NW	MR
SA	2048	230 - SCT	20			157	55	43	36	05		005	OCNL LTG DSNT N	MR
SA	2151	230 - SCT	20			150	54	43	03	07		004	708 1001 71	MR
SA	2248	230 - SCT	20			150	53	43	06	04		004		MR
SA	2352	230 - OVC	20			151	53	43	25	02		004		MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 OCT 31

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	26.665	54.9	48.0	62	0															0	3	.005			00-01
01 49	26.660	53.1	47.2	66	0															0					01-02
02 50	26.650	53.2	47.2	65	0															0					02-03
03 49	26.660	52.4	47.1	68	1	1	Ac	70												1	5	.005			03-04
04 49	26.655	50.2	45.9	73	0															0					04-05
05 47	26.660	51.8	46.8	70	0															0					05-06
06 47	26.680	50.7	46.4	74	6	0	Ac	70	0	Ac	120	0	6	Cs	250	6				0	3	.020			06-07
07 48	26.685	56.8	49.6	61	10															1					07-08
08 48	26.685	62.6	52.2	51	10															2					08-09
09 48	26.690	66.6	54.1	45	10	0	Cu	50	4	Ac	70	4	6	Cs	E250	10				6	2	.010			09-10
10 48	26.670	66.3	54.4	47	10															8					10-11
11 49	26.640	67.0	54.8	46	10															9					11-12
12 47	26.630	67.5	55.2	46	10	0	Cu	50	0	Ac	70	0	10	Cs	E250	10				8	8	.060			12-13
13 47	26.610	69.7	56.4	44	10															8					13-14
14 50	26.610	68.7	55.0	42	10															10					14-15
15 50	26.610	69.3	55.6	43	10	2	Cu	50	1	Ac	120	3	7	Cs	E230	10				8	6	.020			15-16
16 45	26.615	66.0	54.0	47	8															5					16-17
17 50	26.630	62.5	51.7	49	4															0					17-18
18 52	26.650	59.8	50.9	55	2	0	Cb	50	2	Ci	230	2								0	3	.040			18-19
19 49	26.660	56.1	49.0	61	3															0					19-20
20 48	26.640	54.5	48.4	65	3															0					20-21
21 51	26.625	54.2	48.2	66	2	2	Ci	230												0	7	.025			21-22
22 48	26.625	52.9	47.7	69	4															1					22-23
23 52	26.625	53.3	48.0	69	10															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 0344		0	0		58	52										
	0344	1	0	0	0	62	52		0								
	0944	2	0	0	0	67	50		0								
	1545	3	0	0	0	71	46		0								
	2144	4	0	0	0	69	53		0								
	MID.		0	0	0	54	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.640	26.610	26.625
BAROGRAPH 64	26.625	26.655	26.575	26.605
BAR. CORR. 65	+.035	+.035	+.035	+.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 UNMELTED (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
71	50	0	0	0	18	SW	1525					10	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0530 P (1) Sec. 1650 (D) Sec.

J LAST OF SEVERAL OCCURRENCES

RS - 0
SP - 0

MF1-10B (1-82)

SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034