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: 1982

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 0400	WIND AVERAGE SPEED (knots)	Peak Speed SPEED (knots)	DIRECTION	SUNSHINE TOTAL (Min.) Ave. Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	68	42	55		10					5.3	17	S	26.6	80	0		57	34	23	59
2	74	47	61		4					7.3	17	E	26.6	58	0		48	37	22	47
3	80	48	64		1					4.8	18	SW	26.5	25	6		56	31	15	36
4	81	47	64		1					9.7	30	SE	26.4	00	1		46	25	16	18
5	74	54	64		1					8.1	23	E	26.5	90	0		39	32	12	29
6	78	48	63		2					7.1	26	S	26.5	63	0		42	23	12	20
7	72	52	62		3					13.7	27	SW	26.5	05	0		24	27	9	20
8	68	46	57		8					12.0	29	NE	26.7	75	0		36	18	12	28
9	68	48	58		7					12.8	30	NE	26.8	35	0		41	29	18	28
10	68	45	57		8					12.0	23	NE	26.7	81	0		33	16	13	22
11	72	48	60		5					10.2	24	E	26.7	18	0		18	13	14	24
12	75	47	61		4					7.8	28	E	26.7	40	0		33	20	14	34
13	76	51	64		1					7.2	19	E	26.7	45	0		37	26	18	30
14	78	50	64		1					6.3	20	E	26.7	58	0		34	25	18	31
15	78	46	62		3					5.4	17	NE	26.7	81	10		46	24	25	29
16	81	48	65							4.5	14	NE	26.7	23	0		39	21	14	27
17	80	45	63		2					6.3	22	SW	26.5	93	4		35	16	11	25
18	79	45	62		3					6.8	21	NE	26.6	13	3		41	14	14	15
19	65	50	58		7					12.6	23	E	26.7	61	7		17	17	11	18
20	73	48	61		4					6.8	17	NE	26.7	14	1		24	17	12	28
21	77	44	61		4					4.1	12	S	26.7	65	10		29	14	13	25
22	77	52	65							4.9	16	S	26.7	58	10		26	13	16	28
23	81	50	66			1				7.1	24	SW	26.6	85	6		34	18	24	28
24	65	53	59		6		.02			5.3	15	E	26.6	66	10	RW	38	34	56	82
25	72	48	60		5					9.2	35	SW	26.6	06	10		86	57	42	41
26	69	47	58		7		T			18.2	49	S	26.5	38	6	RW	52	53	23	50
27	59	38	49		16					9.3	21	NE	26.7	95	0		49	30	17	35
28	62	41	52		13					8.1	24	NE	26.7	28	4		38	23	15	29
29	65	40	53		12					3.5	10	W	26.5	76	10		36	21	16	22
30	59	48	54		11		.31			4.9	24	SW	26.4	68	10	R, RW	26	76	76	78
31	63	47	55		10		.02			6.8	16	N	26.6	56	2	R	81	58	36	50
SUM	2237	1463	—	—	159	1	.35	0	—	248.1	—	—	826.6	99	110	—	1241	862	637	1036
AVG	72.2	47.2	—	—	—	—	—	—	—	8.0	FASTEST	DIRECTION	POSSIBLE	%	3.6	—	40.0	27.8	20.6	33.4
										MISC. →	49	S	26.6	68		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 59.7
DEPARTURE FROM NORMAL —
HIGHEST 81 ON 4, 16, 23
LOWEST 38 ON 27

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 159
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 210
DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 1
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 1769
DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .35 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST Daily .31 ON 30

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST Daily 0 ON —
GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 18
PARTLY CLOUDY (Scale 4–7) 6
CLOUDY (Scale 8–10) 7
WITH 0.01 INCH OR MORE PRECIP. 3
WITH 0.10 INCH OR MORE PRECIP. 1
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16
R = RAIN
RW = RAINSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure
HIGHEST 26.900 IN. ON 9
LOWEST 26.320 IN. ON 4

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

MF1-10A
(1-62)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			156	47	35	02	09		003	307	CG
SA	0148	CLR	20			156	48	34	10	06		003		CG
SA	0247	CLR	20			156	44	36	34	04		003		CG
SA	0346	CLR	20			158	48	34	05	10		004	303 44 RADAT 56086	MR
SA	0447	CLR	20			166	44	35	04	07		006		MR
SA	0546	CLR	20			179	42	35	06	03		008		MR
SA	0644	CLR	20			187	44	37	00	00		011	320	MR
SA	0744	CLR	20			190	53	34	02	07		012		MR
SA	0847	CLR	20			190	57	33	30	04		013		MR
SA	0949	CLR	20			191	60	31	27	04		014	210 42	MR
SA	1046	CLR	20			193	62	29	22	03		014		MR
SA	1146	CLR	20			188	63	31	20	07		013		MR
SA	1247	CLR	20			180	65	30	24	06		011	810 1100	MR
SA	1346	CLR	20			175	67	29	25	05		010		MR
SA	1450	CLR	20			172	68	29	22	06		008		MR
SA	1548	CLR	20			166	68	29	24	08		007	710 68 RADAT 53L099131	CG
SA	1646	CLR	20			169	66	29	20	11		007		CG
SA	1745	CLR	20			173	61	32	18	04		007		CG
SA	1855	CLR	20			182	57	34	09	03		009	307	CG
SA	1952	CLR	20			186	53	34	04	05		012		CG
SA	2046	CLR	20			185	53	34	09	03		012		CG
SA	2146	CLR	20			188	51	37	07	03		013	110 68	CG
SA	2246	CLR	20			189	49	35	36	04		014		CG
SA	2347	CLR	20			187	50	35	07	05		013		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 1982 OCT 01

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.620	47.1	41.3	62	0															0	3	.020				00-01
0148	26.620	47.7	41.4	60	0															0						01-02
0247	26.620	43.9	40.0	73	0															0						02-03
0348	26.630	48.1	41.3	57	0															0	3	.010				03-04
0447	26.645	44.2	39.7	69	0															0						04-05
0548	26.670	41.9	38.6	76	0															0						05-06
0644	26.690	43.8	40.3	75	0															0	3	.060				06-07
0744	26.705	52.5	43.5	49	0															0						07-08
0847	26.710	57.1	45.3	39	0															0						08-09
0949	26.720	59.6	46.0	34	0															0	2	.030				09-10
1046	26.720	61.7	46.2	29	0															0						10-11
1146	26.710	62.9	47.5	30	0															0						11-12
1247	26.690	65.0	47.9	26	0	0	Cu	70												0	8	.030				12-13
1346	26.680	66.9	48.5	24	0															0						13-14
1450	26.670	67.5	48.8	23	0															0						14-15
1548	26.660	67.5	48.8	23	0															0	7	.030				15-16
1646	26.660	65.6	48.1	25	0															0						16-17
1745	26.660	61.4	47.0	33	0															0						17-18
1855	26.680	57.3	45.8	41	0															0	3	.020				18-19
1952	26.700	53.4	44.0	47	0															0						19-20
2046	26.700	53.0	44.0	49	0															0						20-21
2146	26.710	50.5	43.7	59	0															0	1	.030				21-22
2246	26.715	49.0	42.2	58	0															0						22-23
2347	26.710	49.8	42.5	56	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 0342	X	0	0	X	49	44	X	X						X		
	0342	1	0	0	0	52	44		0								
	0243	2	0	0	0	61	42		0								
	1544	3	0	0	0	68	59		0								
	2143	4	0	0	0	68	51		0								
	MID.	X	0	0	0	51	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.720	26.660	26.710
BAROGRAPH 64	26.640	26.720	26.670	26.720
BAR. CORR. 65	-.010	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
68	42	0	0	0	17	5	1536					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: 0453P @ 2 Sec./ 1930P @ 2 Sec./ ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CORR

MF1-1 B (1-82) SUPERSEDES MF1-1 A (2-72) 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, NV

DATE: 1982 OCT 02

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			186	49	34	31	02		013	000	CG
SA	0147	CLR	20			186	47	35	09	03		013		CG
SA	0250	CLR	20			185	49	34	12	02		013		CG
SA	0348	CLR	20			183	52	33	09	06		013	400 47 RADAT 22136	MR
SA	0445	CLR	20			186	51	34	03	10		013		MR
SA	0546	CLR	20			195	49	35	03	09		015		MR
SA	0647	CLR	20			201	53	35	03	10		016	210	MR
SA	0745	CLR	20			203	55	35	04	10		016		MR
SA	0848	CLR	20			199	59	36	03	11		016		MR
SA	0948	CLR	20			195	63	36	36	09		015	803 1001 47	MR
SA	1045	CLR	20			185	67	37	01	08		013		MR
SA	1144	CLR	20			176	68	34	10	06		011		MR
SA	1244	CLR	20			160	71	37	11	09		006	827	MR
SA	1344	CLR	20			150	73	35	12	09		003		MR
SA	1452	CLR	20			144	74	35	10	08		002		MR
SA	1546	CLR	20			134	73	32	12	09		999	720 74 RADAT 20143	CG
SA	1646	CLR	20			136	72	35	13	10		999		CG
SA	1747	CLR	20			140	66	37	11	09		999		CG
SA	1845	CLR	20			140	62	40	12	08		999	400	CG
SA	1945	CLR	20			144	59	39	11	10		001		CG
SA	2045	CLR	20			142	58	38	11	04		001		CG
SA	2145	250-SCT	20			140	59	39	11	06		001	103 1001 74	CG
SA	2247	250-SCT	20			136	56	36	07	04		999		CG
SA	2347	250-SCT	20			134	50	38	02	03		998		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 7ww$W_1 W_2$ $8N_h C_L C_M C_H$

☆ 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, NV

DATE: 1982 OCT 02

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	26.710	49.2	42.0	56	0															0	0	.000			00-01
01 47	26.710	47.1	41.3	62	0															0					01-02
02 50	26.710	48.8	41.6	55	0															0					02-03
03 48	26.710	52.2	43.1	48	0															0	4	.000			03-04
04 45	26.715	51.2	43.0	52	0															0					04-05
05 46	26.730	49.1	42.4	58	0															0					05-06
06 47	26.740	52.9	44.0	50	0															0	2	.030			06-07
07 45	26.745	55.0	45.2	47	0															0					07-08
08 48	26.740	59.2	47.3	41	0															0					08-09
09 48	26.730	62.5	48.8	37	0	0	Ci	250												0	8	.010			09-10
10 45	26.710	67.3	51.3	33	0															0					10-11
11 44	26.690	67.9	50.4	28	0															0					11-12
12 44	26.650	71.0	52.8	29	0															0	8	.080			12-13
13 44	26.625	73.2	53.2	25	0															0					13-14
14 52	26.610	73.6	53.2	24	0															0					14-15
15 46	26.590	73.1	52.0	22	0															0	7	.060			15-16
16 48	26.580	71.6	52.4	26	0															0					16-17
17 47	26.590	66.0	50.7	34	0															0					17-18
18 45	26.590	61.7	50.0	44	0															0	4	.000			18-19
19 45	26.600	59.1	48.6	47	0															0					19-20
20 45	26.600	57.9	47.7	48	0															0					20-21
21 45	26.600	58.8	48.4	47	1	1	Ci	250												0	1	.010			21-22
22 47	26.590	55.9	46.1	48	2															0					22-23
23 47	26.580	50.4	44.0	61	4															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 0343	X	0	0	X	52	47	X	X						X		
	0343	1	0	0	0	52	47		0								
	0943	2	0	0	0	64	49		0								
	1543	3	0	0	0	74	63		0								
	2142	4	0	0	0	73	58		0								
	MID.	X	0	0	0	59	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.590	26.600
BAROGRAPH 64	26.730	26.745	26.600	26.600
BAR. CORR. 65	-.020	-.015	-.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
74	47	0	0	0	17	E	1249					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: 0456P ±2 Sec./ 2003P ±2 Sec./ ± Sec.

SUPERSEDES MF1-10B (2-72) WHICH MAY BE USED.

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, NV

DATE: 1982 OCT 03

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	250-BKN	20			128	50	36	36	02		997	710 1008	CL
SA	0147	250-BKN	20			124	49	36	34	04		996		CL
SA	0246	250-BKN	20			117	49	36	01	05		994		CL
SA	0345	250-BKN	20			116	50	35	05	02		994	610 1008 49 RADAT 20143	CL
SA	0458	250-BKN	20			117	49	34	33	03		994		CL
SA	0546	250-BKN	20			125	48	37	23	05		995		CL
SA	0649	E250 BKN	20			129	52	35	34	02		996	307 1006	CL
SA	0746	E250 BKN	20			126	59	35	04	02		996		CL
SA	0849	250-BKN	20			125	61	40	31	03		996		CL
SA	0947	250-BKN	20			120	70	38	03	03		996	400 1006 48	CL
SA	1050	E250 BKN	20			113	71	35	24	03		994		CL
SA	1148	E250 BKN	20			111	71	34	22	04		993		CL
SA	1247	E250 BKN	20			109	73	34	22	06		992	614 1006	CL
SA	1348	250 SCT	20			103	75	33	21	08		991		CL
SA	1447	250 SCT	20			098	77	31	22	10		990		CL
SA	1548	CLR	20			095	78	27	23	10		988	710 80 RADAT 20131	CRD
SA	1647	CLR	20			097	76	27	23	10		988		CRD
SA	1750	CLR	20			105	69	33	13	07		990		CRD
SA	1847	CLR	20			105	66	28	11	10		990	103	CRD
SA	1948	CLR	20			105	64	35	29	06		991		CRD
SA	2046	CLR	20			102	59	32	04	02		990		CRD
SA	2148	CLR	20			102	57	30	03	02		991	003 80	CRD
SA	2245	CLR	20			100	55	29	02	04		990		CRD
SA	2347	CLR	20			098	54	33	12	02		990		CRD

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, NV

DATE: 1982 OCT 03

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.570	50.0	43.0	57	7	7	CS	250												3	7	.030				00-01
01 47	26.560	49.2	42.8	60	7															3						01-02
02 46	26.540	49.3	42.8	60	7															3						02-03
03 45	26.540	49.6	42.4	56	7	7	CS	250												3	6	.030				03-04
04 58	26.540	49.3	42.0	55	7															3						04-05
05 48	26.550	47.9	42.4	65	8															3						05-06
06 49	26.560	52.2	44.0	53	8	8	ci	E250												6	3	.020				06-07
07 46	26.560	59.3	47.3	41	8															6						07-08
08 49	26.560	61.2	49.9	46	8															4						08-09
09 47	26.560	69.7	52.6	31	8	8	ci	250												4	4	.000				09-10
10 50	26.540	71.0	52.2	27	8															6						10-11
11 48	26.525	71.3	52.0	25	9															6						11-12
12 47	26.520	72.9	52.6	24	8	8	ci	E250												6	6	.040				12-13
13 48	26.510	75.4	53.2	21	4															3						13-14
14 47	26.500	76.5	53.1	19	1															1						14-15
15 46	26.490	78.1	52.8	15	0															0	7	.030				15-16
16 47	26.490	76.3	52.0	16	0															0						16-17
17 50	26.500	69.3	50.9	26	0															0						17-18
18 47	26.500	65.5	47.8	25	0															0	1	.010				18-19
19 49	26.510	64.2	49.2	33	0															0						19-20
20 46	26.500	59.2	46.0	36	0															0						20-21
21 48	26.510	57.0	44.4	36	0															0	0	.010				21-22
22 45	26.500	55.1	43.2	37	0															0						22-23
23 47	26.500	53.9	43.8	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 0340	X	0	0	X	50	49	X	X						X		
	0340	1	0	0	0	59	49		0								
	0941	2	0	0	0	74	48		0								
	1544	3	0	0	0	80	70		0								
	2145	4	0	0	0	78	57		0								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.490	26.510
BAROGRAPH 64	26.560	26.570	26.500	26.515
BAR. CORR. 65	-.020	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	48	0	0	0	18	SW	1422					6	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: 0909P ±2 Sec. / 1900T ±2 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 1

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	CLR	20			097	52	30	06	03		999	907	CRD
SA	0148	CLR	20			091	52	29	03	06		987		CRD
SA	0250	CLR	20			083	51	29	07	03		985		CRD
SA	0350	CLR	20			082	50	30	06	04		985	610 50 RADAT 20144	CRD
SA	0448	CLR	20			084	47	32	36	02		985		CRD
SA	0549	250 SCT	20			084	47	31	05	07		984		CRD
SA	0647	200 SCT	20			089	50	33	05	03		985	500 1005	CRD
SA	0749	200 SCT	20			092	53	33	12	04		986		CRD
SA	0850	200 SCT	20			087	63	34	24	03		985		CRD
SA	0949	200 SCT	20			077	67	30	10	03		983	207 1005 47	CRD
SA	1046	CLR	20			068	72	31	20	10		981		CRD
SA	1147	CLR	20			055	78	29	20	17 G 25		978		CRD
SA	1247	CLR	20			056	78	23	20	22 G 27		978	617 1005	CRD
SA	1349	CLR	20			052	78	29	20	19 G 27		977		CRD
SA	1448	CLR	20			040	78	33	19	16 G 25		973		CRD
SA	1550	CLR	20			033	79	29	19	17 G 23		971	720 81 RADAT 20140	CRD
SA	1646	CLR	20			032	77	19	20	14		970		CRD
SA	1747	CLR	20			034	74	22	18	11		970		CRD
SA	1846	CLR	20			034	72	26	18	12		970	603	CRD
SA	1947	CLR	20			039	73	17	22	14 G 24		972		CRD
SA	2047	CLR	20			039	69	17	24	10		973		CRD
SA	2149	CLR	20			048	66	22	26	12		975	217 81	CRD
SA	2246	CLR	20			061	65	20	31	12		981		CRD
SA	2345	CLR	20			070	60	21	02	08		983		CRD

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, NV

DATE: 1982 OCT 4

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	26.490	52.0	41.9	42	0															0	8	.020			00-01
01 48	26.480	52.1	41.8	42	0															0					01-02
02 50	26.460	50.8	41.0	43	0															0					02-03
03 50	26.460	49.8	40.8	46	0															0	6	.030			03-04
04 48	26.455	46.9	40.0	55	0															0					04-05
05 49	26.450	47.4	40.1	53	1															1					05-06
06 47	26.460	50.0	42.1	52	3	3	ci	200												3	5	.000			06-07
07 49	26.470	52.9	43.3	46	3															3					07-08
08 50	26.460	62.6	48.2	34	2															2					08-09
09 49	26.440	67.3	49.1	25	1	1	ci	200												1	8	.020			09-10
10 46	26.420	71.9	51.4	22	0															0					10-11
11 47	26.390	78.0	53.2	16	0															0					11-12
12 47	26.390	77.8	51.8	13	0	0	ci	200												0	6	.050			12-13
13 49	26.380	77.9	53.2	17	0															0					13-14
14 48	26.350	77.8	54.2	19	0															0					14-15
15 50	26.330	78.5	53.5	16	0															0	7	.060			15-16
16 46	26.320	77.2	50.6	11	0															0					16-17
17 47	26.320	73.6	49.8	14	0															0					17-18
18 46	26.320	72.2	50.2	18	0															0	6	.010			18-19
19 47	26.340	72.5	48.3	12	0															0					19-20
20 47	26.350	69.3	46.9	14	0															0					20-21
21 49	26.370	65.6	46.1	18	0															0	2	.050			21-22
22 46	26.415	64.7	45.3	18	0															0					22-23
23 45	26.440	59.8	43.2	22	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		0	0		54	50										
	0344	1	0	0	0	57	50		0								
	0940	2	0	0	0	70	47		0								
	1545	3	0	0	0	81	67		0								
	2145	4	0	0	0	79	65		0								
	MID.		0	0	0	67	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.440	26.330	26.370
BAROGRAPH 64	26.475	26.460	26.350	26.390
BAR. CORR. 65	-.015	-.020	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
81	47	0	0	0	30	SE	1532					1	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED
82	83	84	86	87	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: 0730P ±2 Sec. 1800P ±2 Sec. ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 5

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	CLR	20			080	62	23	02	14		985	230	CRD
SA	0149	CLR	20			086	60	24	02	07		987		CRD
SA	0251	CLR	20			090	59	23	03	09		988		CRD
SA	0345	CLR	20			102	56	32	03	08		992	220 56 RADAT 39103	CRD
SA	0449	CLR	20			115	55	30	06	06		995		CRD
SA	0550	CLR	20			129	55	30	05	09 G17		998		CRD
SA	0648	CLR	20			140	55	32	07	08		002	230	CRD
SA	0749	CLR	20			143	57	32	04	12		003		CRD
SA	0849	CLR	20			146	61	31	02	12		004		CRD
SA	0950	CLR	20			148	62	31	03	10		004	107 55	CRD
SA	1048	CLR	20			144	65	29	05	07		003		CRD
SA	1148	CLR	20			140	67	28	14	04		002		CRD
SA	1248	CLR	20			131	70	27	08	09		999	814	CRD
SA	1345	CLR	20			125	70	25	04	09		997		CRD
SA	1450	CLR	20			124	71	23	02	10		997		CRD
SA	1550	CLR	20			124	73	18	04	09		997	607 74 RADAT 20134	CRD
SA	1645	CLR	20			130	71	20	03	11		998		CRD
SA	1750	CLR	20			137	67	17	12	07		999		CRD
SA	1848	CLR	20			141	64	34	12	09		001	210	CRD
SA	1948	CLR	20			148	64	28	01	08		003		CRD
SA	2045	CLR	20			153	59	27	04	09		004		CRD
SA	2146	CLR	20			157	58	26	24	03		005	214 74	CRD
SA	2245	CLR	20			155	54	27	28	02		005		CRD
SA	2346	CLR	20			152	56	23	17	02		004		CRD

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, NV

DATE: 1982 OCT 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	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	26.410	62.3	45.0	22	0															0	2	.090			00-01
01 49	26.480	60.1	44.1	25	0															0					01-02
02 51	26.490	59.4	43.7	25	0															0					02-03
03 45	26.520	56.3	44.7	39	0															0	2	.060			03-04
04 49	26.550	55.2	43.7	39	0															0					04-05
05 50	26.580	54.8	43.5	39	0															0					05-06
06 48	26.610	55.4	44.2	40	0															0	2	.090			06-07
07 49	26.620	57.2	45.2	39	0															0					07-08
08 49	26.630	60.9	46.6	32	0															0					08-09
09 50	26.630	61.9	47.1	32	0															0	1	.020			09-10
10 48	26.620	65.2	47.9	26	0															0					10-11
11 48	26.610	67.2	48.4	23	0															0					11-12
12 48	26.590	70.1	49.3	20	0															0	8	.040			12-13
13 45	26.570	70.0	49.0	19	0															0					13-14
14 50	26.570	71.0	48.9	17	0															0					14-15
15 50	26.570	73.2	48.8	12	0															0	6	.020			15-16
16 45	26.580	71.2	48.2	14	0															0					16-17
17 50	26.590	66.7	45.7	15	0															0					17-18
18 48	26.600	63.8	48.7	32	0															0	2	.030			18-19
19 48	26.620	63.7	46.8	26	0															0					19-20
20 45	26.630	59.3	44.6	29	0															0					20-21
21 46	26.640	58.2	43.7	29	0															0	2	.040			21-22
22 45	26.635	54.3	42.2	35	0															0					22-23
23 46	26.630	56.2	42.0	28	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 0340	X	0	0	X	62	56	X	X						X		
	0340	1	0	0	0	67	56		0								
	0944	2	0	0	0	65	55		0								
	1545	3	0	0	0	74	62		0								
	2143	4	0	0	0	73	57		0								
	MID.	X	0	0	0	58	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0949	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.630	26.570	26.640
BAROGRAPH 64	26.540	26.645	26.570	26.635
BAR. CORR. 65	-.020	-.015	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
74	54	0	0	0	23	E	1007					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: 1004P / Sec. / 1800 / Sec. ± Sec.

1000P - CHANGED BAROGRAM AND RESET TO ZERO CORRECTION.

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, NV

DATE: 1982 OCT 06

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inx.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			152	51	22	01	06		004	603	CRD
SA	0145	CLR	20			156	53	23	36	03		005		CRD
SA	0250	CLR	20			156	51	19	11	06		005		CRD
SA	0345	CLR	20			152	48	26	06	05		004	000 48 RADAT 20129	CRD
SA	0444	CLR	20			148	50	28	01	07		003		CRD
SA	0550	CLR	20			158	49	25	04	06		005		CRD
SA	0645	CLR	20			165	54	30	11	02		007	310	CRD
SA	0749	CLR	20			162	60	28	02	08		007		CRD
SA	0845	CLR	20			165	64	27	12	08		008		CRD
SA	0950	CLR	20			159	65	26	12	10		006	803 48	CRD
SA	1049	CLR	20			149	71	26	12	10		004		CRD
SA	1148	CLR	20			140	72	23	29	02		002		CRD
SA	1247	CLR	20			132	72	25	32	04		998	824	CRD
SA	1348	CLR	20			121	76	25	22	03		996		CRD
SA	1445	CLR	20			114	76	24	09	04		994		CRD
SA	1550	CLR	20			105	77	21	15	09		991	724 78 RADAT 27138	CRD
SA	1648	CLR	20			102	75	16	20	12		990		CRD
SA	1746	CLR	20			099	71	22	18	12		988		CRD
SA	1847	CLR	20			099	66	22	17	09		988	607	CRD
SA	1946	CLR	20			094	63	22	11	06		987		CRD
SA	2045	CLR	20			090	60	23	26	05		986		CRD
SA	2148	CLR	20			085	61	20	06	04		985	710 78	CRD
SA	2247	250 SCT	20			072	70	16	20	12		984		CRD
SA	2348	250 SCT	20			063	69	14	21	18	G25	982		CRD

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, NV

DATE: 1982 OCT 06

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.630	51.2	39.2	32	0															0	6	.010			00-01
01 45	26.640	52.6	40.0	31	0															0					01-02
02 50	26.640	51.0	38.4	28	0															0					02-03
03 45	26.630	47.9	38.6	42	0															0	0	.000			03-04
04 44	26.620	50.2	40.3	41	0															0					04-05
05 50	26.640	49.4	39.0	38	0															0					05-06
06 45	26.660	53.6	42.6	39	0															0	3	.030			06-07
07 47	26.660	60.2	45.2	29	0															0					07-08
08 45	26.670	64.2	46.8	24	0															0					08-09
09 50	26.650	65.1	47.0	23	0															0	8	.010			09-10
10 49	26.630	71.0	49.5	18	0															0					10-11
11 48	26.610	72.4	49.4	15	0															0					11-12
12 47	26.580	71.8	49.6	17	0															0	8	.070			12-13
13 48	26.560	75.9	51.3	15	0															0					13-14
14 45	26.540	76.2	51.4	15	0															0					14-15
15 50	26.510	77.2	51.1	12	0															0	7	.070			15-16
16 48	26.500	75.3	49.3	10	0															0					16-17
17 46	26.490	70.8	48.6	16	0															0					17-18
18 47	26.490	65.8	46.3	19	0															0	6	.020			18-19
19 46	26.480	62.6	44.8	21	0															0					19-20
20 45	26.470	59.8	43.8	24	0															0					20-21
21 48	26.460	61.0	43.6	20	0															0	7	.030			21-22
22 47	26.445	69.8	47.0	13	2															2					22-23
23 48	26.425	69.1	46.2	12	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 0340	X	0	0	X	56	48	X	X						X		
	0340	1	0	0	0	58	48		0								
	0942	2	0	0	0	66	48		0								
	1546	3	0	0	0	78	65		0								
	2145	4	0	0	0	77	57		0								
	MID.	X	0	0	0	70	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0949	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.650	26.510	26.460
BAROGRAPH 64	26.630	26.650	26.510	26.460
BAR. CORR. 65	±0	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	48	0	0	0	26	S	2253					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: 0940P ±1 Sec. / 1200 ±1 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 7

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0046	CLR	20			054	69	23	21	18 G27		979	720	CRD
SA	0145	CLR	20			045	68	21	20	16 G24		976		CRD
SA	0250	CLR	20			051	65	22	20	12		978		CRD
SA	0351	CLR	20			035	64	27	22	15 G22		973	817 57 RADAT 27111	EP
SA	0450	CLR	20			043	63	25	21	12 G19		976		EP
SA	0548	CLR	20			062	61	29	25	08		980		EP
SA	0651	CLR	20			079	63	29	25	13		984	338	EP
SA	0746	CLR	20			090	64	28	29	11		988		EP
SA	0848	CLR	20			099	67	29	32	15		990		EP
SA	0948	CLR	20			102	66	31	32	15		991	120 1100 57	EP
SA	1046	CLR	20			095	70	24	32	16		991	FEW CU	EP
SA	1147	CLR	20			096	70	17	33	10		991	FEW CU	EP
SA	1250	CLR	20			089	72	2	31	15 G21		989	8 to 1100	EP
SA	1350	CLR	20			093	70	0	29	16 G24		990		EP
SA	1450	CLR	20			098	70	6	29	14 G21		991		EP
SA	1550	CLR	20			102	69	9	30	16 G24		992	210 72 RADAT 20104	WRC
SA	1650	CLR	20			108	67	13	31	14		993		WRC
SA	1750	CLR	20			118	64	18	35	12		995		WRC
SA	1850	CLR	20			129	61	16	34	12 G20		998	319	WRC
SA	1950	CLR	20			142	60	21	01	12 G21		002		WRC
SA	2050	CLR	20			146	59	17	01	14 G24		003		WRC
SA	2150	CLR	20			154	57	16	04	14 G24		005	222 72	WRC
SA	2250	CLR	20			165	55	18	04	14 G26		008		WRC
SA	2350	CLR	20			174	52	19	05	14		011		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ 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, NV

DATE: 1982 OCT 7

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	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 46	26.400	68.7	47.8	18	0															0	7	.060			00-01
01 45	26.380	67.8	47.0	17	0															0					01-02
02 50	26.390	65.2	46.0	19	0															0					02-03
03 51	26.350	64.3	46.9	24	0															0	8	.050			03-04
04 50	26.370	63.0	45.7	23	0															0					04-05
05 48	26.410	61.0	45.8	29	0															0					05-06
06 51	26.450	62.6	46.5	27	0															0	3	.100			06-07
07 46	26.480	64.0	47.0	26	0															0					07-08
08 48	26.500	66.5	48.3	24	0															0					08-09
09 48	26.510	66.2	48.8	27	0	0	CU	60												0	1	.060			09-10
10 46	26.505	69.5	48.3	17	0															0					10-11
11 47	26.510	69.6	47.0	13	0															0					11-12
12 50	26.490	71.6	45.7	6	0	0	CU	80												0	8	.020			12-13
13 50	26.500	70.0	44.8	6	0															0					13-14
14 50	26.510	70.4	45.6	8	0															0					14-15
15 50	26.520	69.2	45.5	9	0															0	2	.030			15-16
16 50	26.530	67.0	45.0	12	0															0					16-17
17 50	26.550	64.1	44.3	17	0															0					17-18
18 50	26.575	61.4	43.0	17	0															0	3	.055			18-19
19 50	26.610	60.2	43.3	21	0															0					19-20
20 50	26.620	59.0	42.0	19	0															0					20-21
21 50	26.640	57.3	41.0	20	0															0	2	.065			21-22
22 50	26.670	54.8	40.1	23	0															0					22-23
23 50	26.690	52.4	39.0	26	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	69	64	X	X						X		
	0346	1	0	0	0	70	61		0								
	0945	2	0	0	0	67	61		0								
	1546	3	0	0	0	72	66		0								
	2146	4	0	0	0	69	57		0								
	MID.	X	0	0	0	57	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.510	26.520	26.640
BAROGRAPH 64	26.350	26.500	26.510	26.625
BAR. CORR. 65	0	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
72	52	0	0	0	27	SW	0039					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: 1000 ± 2 Sec./ 2022 ± 2 Sec./ ± Sec.

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, NV

DATE: 1982 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. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			181	51	21	05	11		013	224	WRG
SA	0150	CLR	20			187	50	22	05	14		014		WRG
SA	0250	CLR	20			187	49	21	06	11		014		WRG
SA	0350	CLR	20			195	49	23	04	12		016	310 49 RADAT 40L 076101129	EP
SA	0449	CLR	20			205	48	21	05	10		018		EP
SA	0546	CLR	20			209	46	20	03	09		019		EP
SA	0647	CLR	20			218	49	21	03	10		022	317	EP
SA	0750	CLR	20			225	53	19	04	13		024		EP
SA	0845	CLR	20			228	55	16	02	10		025		EP
SA	0950	CLR	20			224	58	15	06	10		024	007 46	EP
SA	1048	CLR	20			219	62	18	03	13		023		EP
SA	1147	CLR	20			215	62	18	05	07		022		EP
SA	1248	CLR	20			205	65	17	04	11		018	817	EP
SA	1349	CLR	20			195	68	12	04	17G25		016		EP
SA	1450	CLR	20			194	68	10	05	15G24		016		EP
SA	1550	CLR	20			192	67	12	04	13G21		015	710 68 RADAT 26109	WRG
SA	1650	CLR	20			195	65	15	06	12G20		015		WRG
SA	1750	CLR	20			200	64	15	02	10		016		WRG
SA	1850	CLR	20			212	61	17	04	12		019	314	WRG
SA	1950	CLR	20			216	57	21	04	11		021		WRG
SA	2045	CLR	20			223	55	21	01	13		023		WRG
SA	2150	CLR	20			229	54	22	05	12		025	217 68	WRG
SA	2250	CLR	20			233	52	26	04	13G21		026		WRG
SA	2350	CLR	20			223	55	27	03	19G29		024		WRG

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

FM12-VII: Hiiii $i_R i_x$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, NV

DATE: 1982 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.710	51.0	38.8	30	0															0	2	.070			00-01
01 50	26.720	50.2	38.6	32	0															0					01-02
02 50	26.720	49.3	37.9	32	0															0					02-03
03 50	26.740	48.8	38.3	36	0															0	3	.030			03-04
04 49	26.760	47.5	37.0	35	0															0					04-05
05 46	26.765	46.0	36.0	36	0															0					05-06
06 47	26.790	49.3	38.0	33	0															0	3	.050			06-07
07 50	26.810	52.8	39.4	27	0															0					07-08
08 45	26.820	55.0	40.2	24	0															0					08-09
09 50	26.810	58.1	41.2	18	0															0	0	.020			09-10
10 48	26.800	61.5	43.3	18	0															0					10-11
11 47	26.785	61.5	43.3	18	0															0					11-12
12 48	26.760	65.2	45.0	16	0															0	8	.050			12-13
13 49	26.740	67.6	45.2	11	0															0					13-14
14 50	26.735	67.8	45.0	10	0															0					14-15
15 50	26.730	67.0	44.9	12	0															0	7	.030			15-16
16 50	26.730	65.2	44.6	14	0															0					16-17
17 50	26.740	63.8	44.0	15	0															0					17-18
18 50	26.770	60.8	42.9	18	0															0	3	.040			18-19
19 50	26.780	57.3	42.0	24	0															0					19-20
20 45	26.800	55.4	41.1	26	0															0					20-21
21 50	26.820	54.4	40.7	28	0															0	2	.058			21-22
22 50	26.830	52.3	40.8	36	0															0					22-23
23 50	26.810	54.8	42.3	34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	52	49	X	X						X		
	0344	1	0	0	0	57	49		0								
	0945	2	0	0	0	58	46		0								
	1546	3	0	0	0	64	58		0								
	2146	4	0	0	0	67	54		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.810	26.770	26.820
BAROGRAPH 64	26.725	26.820	26.740	26.820
BAR. CORR. 65	+.015	-.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 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
68	46	0	0	0	29	NE	2340					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: 0818 ± 2 Sec./ 2033 ± 2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 09

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			222	53	28	04	18	G26	024	803	WRG
SA	0150	CLR	20			225	53	27	06	13		025		WRG
SA	0250	CLR	20			226	50	27	06	14		025		WRG
SA	0348	CLR	20			230	50	27	06	10		026	307 50 RADAT 38L089125139	JK
SA	0446	CLR	20			236	50	27	05	14		027		JK
SA	0552	CLR	20			244	49	28	06	11		030		JK
SA	0645	CLR	20			249	50	30	06	10		031	214	JK
SA	0745	CLR	20			253	53	30	03	18		032		JK
SA	0846	CLR	20			259	58	27	02	12		034		JK
SA	0948	CLR	20			252	60	28	01	13		032	003 48	JK
SA	1046	CLR	20			247	62	32	01	13		031	CU N AND SE	JK
SA	1148	CLR	20			234	65	25	04	12	G30	027	CU ALQDS	JK
SA	1247	CLR	20			225	66	25	04	10	G22	025	820 1100	JK
SA	1349	CLR	20			213	68	24	01	17		022	CU ALQDS	JK
SA	1450	CLR	20			211	67	24	02	12		021	FEW CU	JK
SA	1550	CLR	20			211	67	22	06	13		021	614 1100 68 RADAT 55095	WRG
SA	1650	CLR	20			208	65	22	09	11		019	FEW CU N	WRG
SA	1750	CLR	20			214	62	24	07	12		021		WRG
SA	1850	CLR	20			219	60	24	08	14	G24	022	303	WRG
SA	1951	CLR	20			226	59	22	05	12		024		WRG
SA	2045	CLR	20			232	57	20	06	12		026		WRG
SA	2150	CLR	20			239	55	22	05	12		028	220 68	WRG
SA	2250	CLR	20			235	53	23	04	11		027		WRG
SA	2350	CLR	20			232	51	19	04	12	G20	026		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 1982 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 50	26.810	53.2	42.0	35	0															0	8	.010			00-01
01 50	26.820	52.5	41.2	37	0															0					01-02
02 50	26.820	50.3	40.1	40	0															0					02-03
03 48	26.830	50.0	40.0	41	0															0	3	.020			03-04
04 46	26.840	50.0	40.0	41	0															0					04-05
05 52	26.860	49.4	40.1	44	0															0					05-06
06 45	26.870	50.1	41.0	46	0															0	2	.040			06-07
07 45	26.880	53.3	42.6	41	0															0					07-08
08 46	26.900	57.9	43.8	30	0															0					08-09
09 48	26.880	60.3	45.2	29	0															0	0	.010			09-10
10 46	26.870	62.3	47.6	32	0															0					10-11
11 48	26.840	64.5	46.3	22	0															0					11-12
12 47	26.820	66.2	47.2	21	0	0	Cu	90												0	8	.060			12-13
13 49	26.790	68.0	47.7	19	0															0					13-14
14 50	26.780	67.0	47.3	19	0															0					14-15
15 50	26.780	67.0	46.9	18	0	0	Cu	90												0	6	.040			15-16
16 50	26.770	65.3	46.0	19	0															0					16-17
17 50	26.780	62.4	45.3	23	0															0					17-18
18 50	26.790	60.3	44.3	25	0															0	3	.010			18-19
19 51	26.810	58.6	42.9	24	0															0					19-20
20 45	26.830	57.3	41.8	23	0															0					20-21
21 50	26.850	55.0	41.2	28	0															0	2	.060			21-22
22 50	26.840	52.5	40.2	32	0															0					22-23
23 50	26.830	51.0	38.3	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	55	50	X	X						X		
	0344	1	0	0	0	55	50		0								
	0943	2	0	0	0	60	48		0								
	1546	3	0	0	0	68	60		0								
	2146	4	0	0	0	67	55		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.880	26.790	26.850
BAROGRAPH 64	26.830	26.870	26.780	26.850
BAR. CORR. 65	0	-.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
68	48	0	0	0	30	NE	1138					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: 0648 P ☑ Sec. 2246 ☑ Sec. ± Sec.

BAROGRAPH CHANGED RESET TO ZERO C.R. 1330.0

MF1-10B (1-82) SUPERSEDES MF1-1 B (2-70) 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, NV

DATE: 1982 OCT 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			232	50	21	05	12G	20	026	607	WRG
SA	0150	CLR	20			227	48	21	07	16		025		WRG
SA	0250	CLR	20			228	48	21	08	11		025		WRG
SA	0348	CLR	20			236	48	20	09	08		027	303 48 RADAT 20108	JK
SA	0447	CLR	20			237	47	19	05	14		027		JK
SA	0545	CLR	20			238	46	16	06	13		027		JK
SA	0645	CLR	20			238	48	20	05	13		027	400	JK
SA	0745	CLR	20			238	51	15	04	15		027		JK
SA	0845	CLR	20			238	53	18	03	16		027		JK
SA	0948	CLR	20			237	58	12	03	12		027	400 45	JK
SA	1045	CLR	20			228	60	9	07	06		025		JK
SA	1150	CLR	20			216	65	9	06	11		022		JK
SA	1247	CLR	20			200	66	7	09	07		017	830	JK
SA	1345	CLR	20			197	67	6	06	10		016		JK
SA	1450	CLR	20			193	67	3	02	18		015		JK
SA	1547	CLR	20			189	64	12	03	16		014	712 68 RADAT 23090	HS
SA	1648	CLR	20			189	65	7	07	14		013		HS
SA	1747	CLR	20			189	63	11	07	10		013		HS
SA	1847	CLR	20			195	57	13	06	10		014	302	HS
SA	1947	CLR	20			194	57	17	09	10		014		HS
SA	2048	CLR	20			192	56	15	06	09		014		HS
SA	2149	CLR	20			194	54	17	03	11		015	303 68	HS
SA	2248	CLR	20			198	53	22	05	12		016		HS
SA	2347	CLR	20			193	52	21	03	14		015		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, NV

DATE: 1982 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	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	26.830	50.2	38.4	31	0															0	6	.020			00-01
01 50	26.820	48.3	37.5	34	0															0					01-02
02 50	26.820	48.3	37.5	34	0															0					02-03
03 48	26.840	48.0	37.0	33	0															0	3	.010			03-04
04 47	26.840	47.0	36.2	32	0															0					04-05
05 45	26.840	46.2	35.0	30	0															0					05-06
06 45	26.840	48.0	37.0	33	0															0	4	.000			06-07
07 45	26.840	56.9	37.5	24	0															0					07-08
08 45	26.840	52.6	38.9	25	0															0					08-09
09 48	26.840	58.1	40.5	16	0															0	4	.000			09-10
10 45	26.820	60.0	41.0	13	0															0					10-11
11 50	26.790	64.5	43.2	11	0															0					11-12
12 47	26.750	65.8	43.6	10	0															0	8	.090			12-13
13 45	26.740	67.0	44.0	9	0															0					13-14
14 50	26.730	67.2	43.8	8	0															0					14-15
15 47	26.715	63.8	43.4	13	0															0	7	.035			15-16
16 48	26.710	64.8	43.2	10	0															0					16-17
17 47	26.710	62.6	42.6	13	0															0					17-18
18 47	26.720	57.2	40.3	17	0															0	3	.005			18-19
19 47	26.720	57.0	41.0	21	0															0					19-20
20 48	26.720	56.4	40.3	19	0															0					20-21
21 49	26.730	54.4	39.6	22	0															0	3	.010			21-22
22 48	26.740	52.6	40.0	30	0															0					22-23
23 47	26.730	51.8	39.3	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 0345	X	0	0	X	51	48	X	X						X		
	0345	1	0	0	0	55	48		0								
	0944	2	0	0	0	58	45		0								
	1542	3	0	0	0	68	58		0								
	2144	4	0	0	0	66	53		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.840	26.715	26.730
BAROGRAPH 64	26.840	26.840	26.715	26.725
BAR. CORR. 65	±.0	±.0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	45	0	0	0	23	NE	1423					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: 0615P ±1 Sec./ 2130P ±1 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (8-79) 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, NV

DATE: 1982 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			190	53	14	03	17		015	000	HS
SA	0150	CLR	20			189	54	14	06	12		015		HS
SA	0252	CLR	20			191	49	21	05	06		015		HS
SA	0350	CLR	20			194	51	9	05	14		015	400 48 RADAT 24118	JK
SA	0449	CLR	20			196	51	9	04	13		016		JK
SA	0545	CLR	20			207	50	11	04	10		018		JK
SA	0647	CLR	20			214	49	14	32	02		020	314	JK
SA	0746	CLR	20			210	57	13	08	10		020		JK
SA	0845	CLR	20			211	62	9	09	04 G 15		021		JK
SA	0947	CLR	20			212	63	12	10	07		021	103 48	JK
SA	1045	CLR	20			203	66	10	10	17		018		JK
SA	1146	CLR	20			194	67	12	10	14		016		JK
SA	1248	CLR	20			183	69	11	03	10		013	824	JK
SA	1346	CLR	20			169	71	15	35	08		010		JK
SA	1450	CLR	20			168	70	10	12	12		009		JK
SA	1548	CLR	20			163	70	18	12	14		008	617 72 RADAT 43M 103 109	/
/							~~69~~	~~16~~					125	HS
SA	1647	CLR	20			161	69	16	12	15		007		HS
SA	1748	CLR	20			171	64	22	08	09		009		HS
SA	1848	CLR	20			175	64	17	11	10		010	307	HS
SA	1947	CLR	20			175	62	19	08	09		011		HS
SA	2047	CLR	20			171	63	19	08	10		011		HS
SA	2149	CLR	20			179	59	22	04	11		012	207 72	HS
SA	2249	CLR	20			182	56	23	12	04		013		HS
SA	2349	CLR	20			186	53	27	35	06		014		HS

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, NV

DATE: 1982 OCT 11

To convert LST to GMT ADD 3 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.730	53.0	38.3	21	0															0	0	.000			00-01
01 50	26.730	53.6	38.7	21	0															0					01-02
02 52	26.730	49.4	38.0	32	0															0					02-03
03 50	26.730	51.2	36.5	18	0															0	4	.000			03-04
04 49	26.740	51.2	36.5	18	0															0					04-05
05 45	26.760	49.9	36.1	20	0															0					05-06
06 47	26.770	49.2	36.2	24	0															0	3	.040			06-07
07 46	26.770	56.9	40.1	17	0															0					07-08
08 45	26.780	62.0	42.0	12	0															0					08-09
09 47	26.780	63.1	43.1	13	0															0	1	.010			09-10
10 45	26.760	66.3	44.2	11	0															0					10-11
11 46	26.740	67.0	45.0	12	0															0					11-12
12 48	26.710	68.7	45.5	10	0															0	8	.070			12-13
13 46	26.680	70.9	47.2	12	0															0					13-14
14 50	26.670	70.2	46.1	10	0															0					14-15
15 48	26.660	69.7	47.3	14	0															0	6	.050			15-16
16 47	26.655	68.7	46.4	13	0															0					16-17
17 48	26.670	64.0	45.4	20	0															0					17-18
18 48	26.680	63.8	44.4	16	0															0	3	.020			18-19
19 47	26.690	62.2	44.0	19	0															0					19-20
20 47	26.690	63.0	44.4	18	0															0					20-21
21 49	26.700	58.6	43.0	24	0															0	2	.020			21-22
22 49	26.710	56.1	42.0	28	0															0					22-23
23 49	26.720	53.0	41.6	37	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	54	48	X	X						X		
	0345	1	0	0	0	55	48		0								
	0945	2	0	0	0	63	48		0								
	1543	3	0	0	0	72	63		0								
	2144	4	0	0	0	70	58		0								
	MID.	X	0	0	0	59	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.780	26.660	26.700
BAROGRAPH 64	26.730	26.780	26.665	26.700
BAR. CORR. 65	±.0	±.0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
72	48	0	0	0	24	E	1523					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: 0720P ±1 Sec. 2130P ±1 Sec. ± Sec.

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, NV

DATE: 1982 OCT 12

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			192	50	23	06	07		015	210	HS
SA	0148	CLR	20			190	50	22	06	04		015		HS
SA	0250	CLR	20			191	50	24	29	02		015		HS
SA	0349	CLR	20			191	50	22	06	09		015	400 48 RADAT 53102	JK
SA	0450	CLR	20			196	48	24	12	04		016		JK
SA	0545	CLR	20			198	50	23	11	05		016		JK
SA	0648	CLR	20			204	54	24	11	05		018	310	JK
SA	0747	CLR	20			204	62	24	10	12		020		JK
SA	0845	CLR	20			202	66	26	06	18		020		JK
SA	0946	CLR	20			206	68	25	07	16	G28	021	307 47	JK
SA	1045	CLR	20			199	69	23	12	16		018		JK
SA	1145	CLR	20			194	72	21	11	06		017	Cu NW	JK
SA	1245	CLR	20			191	72	21	05	12		015	817 1100	JK
SA	1346	CLR	20			182	73	20	11	05		013	Cu NW	JK
SA	1450	CLR	20			177	73	23	06	10		012		JK
SA	1548	CLR	20			177	74	22	08	08		012	610 1100 75 RADAT 46103	HS
SA	1647	CLR	20			179	72	29	09	06		012	CU NW	HS
SA	1748	CLR	20			184	68	26	08	09		013		HS
SA	1847	CLR	20			184	66	27	10	10		014	305	HS
SA	1947	CLR	20			190	60	32	34	07		015		HS
SA	2048	CLR	20			191	59	32	07	04		016		HS
SA	2152	CLR	20			194	58	29	08	05		017	212 75	HS
SA	2252	CLR	20			200	54	27	01	04		018		HS
SA	2348	CLR	20			201	56	28	32	04		020		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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, NV

DATE: 1982 OCT 12

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	26.730	49.6	38.5	34	0															0	2	.030			00-01
01 48	26.730	50.0	38.7	33	0															0					01-02
02 50	26.730	49.6	39.0	37	0															0					02-03
03 49	26.730	50.0	38.6	33	0															0	4	.000			03-04
04 50	26.740	48.4	38.4	39	0															0					04-05
05 45	26.740	49.8	38.8	35	0															0					05-06
06 48	26.760	53.5	40.8	31	0															0	3	.030			06-07
07 47	26.770	62.0	45.0	23	0															0					07-08
08 45	26.770	66.2	47.4	22	0															0					08-09
09 46	26.780	68.0	48.0	20	0															0	3	.020			09-10
10 45	26.760	69.2	48.1	19	0															0					10-11
11 45	26.750	72.0	48.9	15	0															0					11-12
12 45	26.730	72.0	48.9	15	0	0	CU	100												0	8	.050			12-13
13 46	26.710	73.1	49.1	13	0															0					13-14
14 50	26.700	73.3	49.8	15	0															0					14-15
15 48	26.700	73.6	49.7	14	0	0	CU	100												0	6	.030			15-16
16 47	26.706	71.7	50.7	20	0															0					16-17
17 48	26.710	68.0	48.4	21	0															0					17-18
18 47	26.715	65.7	47.6	23	0															0	3	.015			18-19
19 47	26.730	60.4	46.6	34	0															0					19-20
20 48	26.740	59.3	46.0	35	0															0					20-21
21 52	26.750	57.6	44.5	34	0															0	2	.035			21-22
22 52	26.760	54.3	42.0	34	0															0					22-23
23 48	26.770	55.7	43.0	34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	48	X	X						X		
	0345	1	0	0	0	59	48		0								
	0943	2	0	0	0	69	47		0								
	1543	3	0	0	0	75	68		0								
	2147	4	0	0	0	74	56		0								
	MID.	X	0	0	0	58	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1547	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.780	26.700	26.750
BAROGRAPH 64	26.730	26.775	26.700	26.755
BAR. CORR. 65	+.0	+.005	±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
75	47	0	0	0	28	E	0941					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: 0800 P ±1 Sec./ 2130 P ±1 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			203	52	30	05	02		020	107	HS
SA	0147	CLR	20			206	55	30	06	08		021		HS
SA	0250	CLR	20			205	56	29	04	10		021		HS
SA	0347	CLR	20			204	55	30	06	11		021	103 51 RADAT 40108	SH
SA	0445	CLR	20			205	55	32	04	10		021		SH
SA	0547	CLR	20			211	56	30	03	13		022	FEW C1	SH
SA	0649	CLR	20			216	58	26	07	07		023	307 1001	SH
SA	0749	250 - SCT	20			221	60	31	04	10		024		SH
SA	0846	250 - SCT	20			220	63	32	07	04		024		SH
SA	0946	250 - SCT	20			214	68	32	13	04		023	000 1001 51	SH
SA	1045	~~B~~ CLR	20			208	69	33	12	02		021		SH
SA	1146	CLR	20			197	72	32	05	12		018	FEW C1	SH
SA	1247	CLR	20			187	73	32	05	07		015	724 1001	SH
SA	1346	CLR	20			178	74	31	02	10		013	FEW C1	SH
SA	1445	CLR	20			170	74	29	07	08		011	FEW C1	SH
SA	1547	CLR	20			166	74	28	07	06		010	717 1001 76 RADAT 47109	HS
SA	1650	CLR	20			167	72	29	10	08		010		HS
SA	1748	250 SCT	20			168	69	27	10	08		010		HS
SA	1852	CLR	20			177	65	28	09	08		012	307	HS
SA	1951	CLR	20			175	67	30	08	03		012		HS
SA	2047	CLR	20			181	62	29	04	07		013		HS
SA	2150	CLR	20			183	58	27	12	07		014	307 76	HS
SA	2249	CLR	20			183	56	28	01	03		014		HS
SA	2348	CLR	20			180	61	27	36	04		014		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$_1$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, NV

DATE: 1982 OCT 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.770	52.3	42.2	43	0															0	1	.020			00-01
01 47	26.780	55.1	43.3	37	0															0					01-02
02 50	26.780	56.2	43.6	35	0															0					02-03
03 47	26.780	55.3	43.5	37	0															0	1	.010			03-04
04 45	26.780	54.8	44.0	42	0															0					04-05
05 47	26.790	55.8	43.8	37	0															0					05-06
06 49	26.800	57.7	43.6	30	0	0	C1	250												0	3	.020			06-07
07 49	26.810	60.0	46.0	33	1															0					07-08
08 46	26.810	62.7	47.6	31	1															0					08-09
09 46	26.800	68.0	50.0	26	1	1	C1	250												0	0	.000			09-10
10 45	26.790	69.3	50.7	26	0															0					10-11
11 46	26.760	72.4	51.7	22	0															0					11-12
12 47	26.730	72.6	52.0	23	0	0	C1	250												0	7	.070			12-13
13 46	26.710	74.0	52.2	20	0															0					13-14
14 45	26.690	74.3	51.6	18	0															0					14-15
15 47	26.680	73.6	51.1	18	0	0	C1	250												0	7	.050			15-16
16 50	26.680	71.7	50.6	20	0															0					16-17
17 48	26.680	68.8	48.8	20	1															1					17-18
18 52	26.700	65.4	47.6	24	0															0	3	.020			18-19
19 51	26.700	67.0	48.8	24	0															0					19-20
20 47	26.710	61.6	46.1	29	0															0					20-21
21 50	26.720	58.2	44.0	30	0															0	3	.020			21-22
22 49	26.720	56.4	43.6	34	0															0					22-23
23 48	26.720	60.9	45.2	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	56	51	X	X						X		
	0342	1	0	0	0	58	51		0								
	0941	2	0	0	0	68	54		0								
	1543	3	0	0	0	76	68		0								
	2145	4	0	0	0	75	58		0								
	MID.	X	0	0	0	61	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0943	1546	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.800	26.680	26.720
BAROGRAPH 64	26.780	26.800	26.700	26.725
BAR. CORR. 65	0	0	-.020	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
76	51	0	0	0	19	E	1355					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0740P (Sec.) 2105P (Sec.) ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 14

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			185	58	25	02	04		015	303	HS
SA	0149	CLR	20			189	55	25	03	04		016		HS
SA	0250	CLR	20			185	54	28	05	06		016		HS
SA	0347	CLR	20			185	56	28	05	06		015	000 53 RADAT 51109	SH
SA	0447	CLR	20			195	54	29	12	08		017		SH
SA	0548	CLR	20			206	50	28	04	09		019		SH
SA	0647	CLR	20			209	56	30	04	07		020	217	SH
SA	0746	CLR	20			212	62	31	14	04		023		SH
SA	0847	CLR	20			212	65	32	07	02		023	AC NW	SH
SA	0948	CLR	20			209	69	32	12	10		022	003 1070 50	SH
SA	1045	CLR	20			205	72	32	10	07		020	FEW AC	SH
SA	1147	CLR	20			198	74	30	12	12		019	FEW CU	SH
SA	1246	100 SCT	20			192	75	30	10	09		017	714 1100	SH
SA	1346	100 SCT	20			189	75	28	09	06		016		SH
SA	1447	100 SCT	20			185	76	29	10	10		015		SH
SA	1549	80 SCT	20			187	74	28	17	05		016	503 1100 78 RADAT 47112	RD
SA	1648	CLR	20			184	73	28	11	07		014		RD
SA	1749	CLR	20			190	68	29	10	07		015		RD
SA	1847	CLR	20			195	63	27	13	09		017	302 1100	RD
SA	1948	CLR	20			199	57	28	10	05		017		RD
SA	2048	CLR	20			203	60	27	23	03		020		RD
SA	2149	CLR	20			203	57	27	04	03		020	108 78	RD
SA	2247	CLR	20			203	54	27	07	05		020		RD
SA	2346	CLR	20			200	57	26	01	03		020		RD

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 $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 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, NV

DATE: 1982 OCT 14

To convert LST to GMT ADD 2 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	57.6	43.1	28	0															0	3	.010			00-01
01 49	26.740	55.2	42.0	31	0															0					01-02
02 50	26.730	54.4	42.6	36	0															0					02-03
03 47	26.730	56.0	43.3	34	0															0	0	.000			03-04
04 47	26.750	53.7	42.6	38	0															0					04-05
05 48	26.770	50.3	40.6	42	0															0					05-06
06 47	26.780	55.5	43.6	37	0															0	2	.050			06-07
07 46	26.800	62.4	47.3	37	0															0					07-08
08 47	26.800	65.2	48.8	29	0															0					08-09
09 48	26.790	69.4	50.5	25	0	0	AC	140												0	0	.010			09-10
10 45	26.780	72.0	51.6	23	0															0					10-11
11 47	26.770	74.2	52.0	20	0															0					11-12
12 46	26.750	74.7	52.2	19	1	1	CU	100												1	7	.040			12-13
13 46	26.740	74.5	51.6	18	1															1					13-14
14 47	26.730	76.3	52.7	18	2															2					14-15
15 49	26.740	74.0	51.4	18	1	1	CU	80												1	5	.010			15-16
16 48	26.720	72.6	50.6	19	0															0					16-17
17 49	26.725	69.7	49.0	24	0															0					17-18
18 47	26.745	63.0	46.4	26	0	0	CU	80												0	3	.005			18-19
19 48	26.750	57.2	44.0	33	0															0					19-20
20 48	26.770	60.2	45.0	28	0															0					20-21
21 49	26.770	56.9	43.3	31	0															0	1	.025			21-22
22 47	26.770	53.5	41.6	36	0															0					22-23
23 46	26.770	56.7	43.1	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 0342	X	0	0	X	61	53	X	X						X		
	0342	1	0	0	0	61	53		0								
	0944	2	0	0	0	70	50		0								
	1542	3	0	0	0	78	69		0								
	2142	4	0	0	0	74	56		0								
	MID.	X	0	0	0	59	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.790	26.740	26.770
BAROGRAPH 64	26.735	26.790	26.730	26.770
BAR. CORR. 65	-.005	0	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	50	0	0	0	20	E	1116					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: 0550P 1/Sec./2055 3/ Sec. ____ Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK. NV

DATE: 1982 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. (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	0047	CLR	20			202	59	28	36	05		021	303	RD
SA	0146	CLR	20			208	49	28	03	03		022		RD
SA	0250	CLR	20			210	48	27	21	03		022		RD
SA	0347	CLR	20			213	47	28	34	05		022	103 47 RADAT 35112	SH
SA	0446	CLR	20			220	48	28	10	04		024		SH
SA	0548	250 - SCT	20			224	47	29	14	02		024		SH
SA	0646	250 - BKN	20			224	52	32	09	05		024	107 1001	SH
SA	0745	250 - BKN	20			230	61	29	03	10		026		SH
SA	0846	250 - OVC	20			226	65	32	04	10		026		SH
SA	0946	250 - OVC	20			221	69	30	02	05		025	003 1007 46	SH
SA	1046	250 - OVC	20			216	73	31	14	10		024		SH
SA	1146	250 - OVC	20			207	74	30	13	08		022		SH
SA	1246	E250 OVC	20			198	75	32	14	07		019	717 1007	SH
SA	1345	E 250 OVC	20			200	75	28	22	06		018		SH
SA	1445	E250 OVC	20			196	76	29	14	04		017		SH
SA	1546	E250 OVC	20			197	71	33	11	06		017	708 1007 78 RADAT 24120	RD
SA	1647	E250 OVC	20			196	71	29	13	05		017		RD
SA	1746	E250 BKN	20			203	65	27	11	07		017		RD
SA	1849	E250 BKN	20			205	64	25	11	06		018	305 1008	RD
SA	1948	250 SCT	20			208	60	25	00	00		020		RD
SA	2046	250 SCT	20			204	58	24	35	05		020		RD
SA	2147	250 SCT	20			203	56	24	33	06		020	103 1008 78	RD
SA	2249	250 SCT	20			201	55	25	05	03		020		RD
SA	2347	250 SCT	20			199	55	25	09	05		019		RD

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, NV

DATE: 1982 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 47	26.780	59.2	44.8	30	0															0	3	.010			00-01
01 46	26.785	49.1	39.7	43	0															0					01-02
02 50	26.790	48.4	39.1	43	0															0					02-03
03 47	26.790	47.0	38.6	46	0															0	1	.010			03-04
04 46	26.810	48.4	39.6	46	0															0					04-05
05 48	26.810	47.0	39.2	50	5															1					05-06
06 46	26.810	52.4	42.8	45	7	7	CI	250												1	1	.020			06-07
07 45	26.830	61.0	46.0	30	8															1					07-08
08 46	26.830	65.0	48.6	29	10															1					08-09
09 46	26.820	68.7	49.7	24	10	10	CS	250												2	0	.010			09-10
10 46	26.810	73.0	51.7	21	10															2					10-11
11 46	26.790	74.2	52.0	20	10															3					11-12
12 46	26.770	74.8	52.7	20	10	10	CS	E250												8	7	.050			12-13
13 48	26.760	74.6	51.6	18	10															8					13-14
14 45	26.750	75.7	52.3	18	10															8					14-15
15 46	26.745	71.1	51.7	25	10	10	CS	E250												8	7	.025			15-16
16 47	26.745	71.3	50.4	20	10															7					16-17
17 46	26.750	64.9	47.0	23	8															6					17-18
18 49	26.760	64.0	46.3	23	6	6	CS	E250												4	3	.015			18-19
19 48	26.770	60.0	44.2	26	5															3					19-20
20 46	26.770	57.8	43.1	27	4															3					20-21
21 47	26.770	56.3	42.4	29	3	3	CS	250												2	1	.010			21-22
22 47	26.770	55.1	41.9	31	3															2					22-23
23 47	26.765	55.4	42.2	31	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 0342	X	0	0	X	59	47	X	X						X		
	0342	1	0	0	0	59	47		0								
	0941	2	0	0	0	69	46		0								
	1542	3	0	0	0	78	69		0								
	2141	4	0	0	0	72	56		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0943	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.820	26.745	26.770
BAROGRAPH 64	26.785	26.820	26.750	26.775
BAR. CORR. 65	+.005	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	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	46	0	0	0	19	NE	0713					9	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: 0615P ±1 Sec. / 1853P ±1 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV

DATE: 1982 OCT 16

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	250 SCT	20			198	54	24	34	03		018	803 1008	RD
SA	0147	250 SCT	20			197	52	24	32	06		018		RD
SA	0250	250 SCT	20			195	51	24	00	00		017		RD
SA	0347	250 SCT	20			202	49	25	00	00		018	500 1008 48	SH
	—		—			—						—	RADAT 20118	—
SA	0447	250 SCT	20			201	51	25	33	04		018		SH
SA	0548	250 - SCT	20			209	50	25	03	03		019		SH
SA	0648	250 - SCT	20			207	54	28	24	04		019	103 1001	SH
SA	0747	CLR	20			213	62	26	04	11		022	FEW CI	SH
SA	0847	CLR	20			210	68	29	04	10		022	FEW CI	SH
SA	0947	CLR	20			201	70	29	33	03		019	000 1001 48	SH
SA	1048	CLR	20			197	75	30	24	03		018		SH
SA	1148	CLR	20			190	74	28	30	05		016		SH
SA	1247	CLR	20			178	77	26	22	04		013	720	SH
SA	1345	CLR	20			170	76	26	14	02		011		SH
SA	1445	CLR	20			166	79	28	22	05		010		SH
SA	1548	CLR	20			164	77	25	24	09		009	714 1001 81 RADAT 20125	RD
SA	1646	CLR	20			164	74	24	24	06		008		RD
SA	1749	CLR	20			196	64	20	06	03		010		RD
SA	1849	CLR	20			199	60	21	10	05		011	307	RD
SA	1948	CLR	20			174	59	21	09	03		011		RD
SA	2049	CLR	20			174	55	22	09	05		011		RD
SA	2148	CLR	20			174	55	21	04	04		011	500 81	RD
SA	2249	CLR	20			171	52	22	07	05		011		RD
SA	2347	CLR	20			168	50	22	07	05		010		RD

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

FM12-VII: Hiiii $i_R i_x$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, NV

DATE: 1982 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	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	26.760	53.6	41.0	31	1	1	CS	250												1	8	.010			00-01
01 47	26.755	51.8	39.9	33	1															1					01-02
02 50	26.750	50.7	39.5	35	1															1					02-03
03 47	26.760	49.0	39.0	39	1	1	CS	250												1	5	.000			03-04
04 47	26.760	50.6	39.8	37	1															1					04-05
05 48	26.770	50.9	39.5	38	3															1					05-06
06 48	26.770	54.4	42.6	37	1	1	CI	250												0	1	.010			06-07
07 47	26.790	62.3	45.6	25	0															0					07-08
08 47	26.790	67.6	49.0	24	0															0					08-09
09 47	26.770	70.3	50.0	21	0	0	CI	250												0	0	.000			09-10
10 48	26.760	75.0	52.4	19	0															0					10-11
11 48	26.740	74.2	51.3	18	0															0					11-12
12 47	26.710	76.7	52.0	15	0															0	7	.060			12-13
13 45	26.690	76.0	51.6	15	0															0					13-14
14 45	26.680	78.5	53.2	16	0															0					14-15
15 48	26.670	77.1	51.9	14	0	0	CI	250												0	7	.040			15-16
16 46	26.665	74.0	50.3	15	0															0					16-17
17 49	26.680	64.2	45.0	19	0															0					17-18
18 49	26.690	59.8	43.3	22	0															0	3	.020			18-19
19 48	26.685	58.9	42.8	23	0															0					19-20
20 49	26.690	54.6	40.8	27	0															0					20-21
21 48	26.690	54.5	40.6	27	0															0	5	.000			21-22
22 49	26.690	52.1	39.6	30	0															0					22-23
23 47	26.680	50.4	38.8	33	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		55	48										
	0343	1	0	0	0	57	48		0								
	0942	2	0	0	0	71	48		0								
	1541	3	0	0	0	81	70		0								
	2140	4	0	0	0	77	54		0								
	MID.		0	0	0	55	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26760	26770	26670	26690
BAROGRAPH 64	26760	26770	26680	26690
BAR. CORR. 65	0	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	48	0	0	0	14	NE	0703					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: 0750 P ✓/Sec./ 1852 P ✓/Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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)	OBSERVERS INITIALS (15)
SA	0046	CLR	20			164	49	22	04	06		009	807	RD
SA	0146	CLR	20			166	48	21	36	03		009		RD
SA	0250	CLR	20			164	48	23	05	03		009		RD
SA	0351	CLR	20			157	47	21	33	02		006	807 47 RADAT 20128	CG
SA	0449	CLR	20			159	47	24	10	05		006		CG
SA	0548	250 SCT	20			166	45	22	33	04		006		CG
SA	0647	250 SCT	20			166	49	26	30	03		006	400 1008	CG
SA	0747	E250 BKN	20			164	53	24	16	03		006		CG
SA	0847	180 SCT E250 BKN	20			161	62	24	11	02		006		CG
SA	0948	180 SCT 250 - BKN	20			155	68	21	32	02		005	803 1078 45	CG
SA	1052	250 SCT	20			147	71	23	36	05		003		CG
SA	1150	250 SCT	20			137	77	24	25	13		001		CG
SA	1250	250 SCT	20			117	78	21	21	19		995	830 1078	CG
SA	1350	250 SCT	20			114	79	22	23	16		994		CG
SA	1450	250 - SCT	20			114	79	16	24	17		994		CG
SA	1549	250 SCT	20			112	77	18	23	10		993	ACSL S 707 1044 80	MR
/													RADAT 20125	/
SA	1647	CLR	20			114	74	20	21	09		993		MR
SA	1746	CLR	20			118	69	23	17	04		993		MR
SA	1848	CLR	20			118	63	22	10	04		993	400	MR
SA	1945	CLR	20			117	60	21	07	03		993		MR
SA	2050	CLR	20			120	58	22	10	05		995		MR
SA	2146	CLR	20			119	57	22	05	05		996	207 80	MR
SA	2246	CLR	20			119	56	22	11	04		996		MR
SA	2346	CLR	20			117	54	23	08	03		996		MR

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, NV

DATE: 1982 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	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 46	26.670	49.0	38.0	34	0															0	8	.020			00-01
01 46	26.670	48.1	37.3	34	0															0					01-02
02 50	26.670	48.0	37.6	36	0															0					02-03
03 51	26.650	47.4	37.0	35	0															0	8	.020			03-04
04 49	26.650	47.0	37.5	40	0															0					04-05
05 48	26.650	45.2	36.0	40	4															3					05-06
06 47	26.650	48.9	39.0	40	5	5	CS	250												4	4	.000			06-07
07 47	26.650	53.1	40.8	32	7															6					07-08
08 47	26.650	62.2	45.0	23	7															6					08-09
09 48	26.640	68.3	47.1	16	8	2	AC	180	6	CS	250	8								4	8	.010			09-10
10 52	26.620	71.2	49.0	18	5															4					10-11
11 50	26.600	77.1	51.7	14	4															3					11-12
12 50	26.550	77.9	51.4	12	3	0	AC	180	3	CS	250	3								2	8	.090			12-13
13 50	26.540	78.5	51.7	12	1															1					13-14
14 50	26.546	79.1	51.0	9	2															1					14-15
15 49	26.530	77.0	50.4	11	1	0	AC	170	1	CI	250	1								1	7	.020			15-16
16 47	26.530	73.8	49.5	13	0															0					16-17
17 46	26.530	68.7	47.7	17	0															0					17-18
18 48	26.530	63.3	45.1	20	0															0	4	.000			18-19
19 45	26.530	59.7	43.2	22	0															0					19-20
20 50	26.545	57.9	42.5	24	0															0					20-21
21 46	26.550	56.9	42.0	25	0															0	2	.020			21-22
22 46	26.555	56.4	41.9	26	0															0					22-23
23 46	26.555	54.0	40.8	29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		50	47										
	0345	1	0	0	0	55	47		0								
	0944	2	0	0	0	68	45		0								
	1543	3	0	0	0	80	68		0								
	2142	4	0	0	0	77	57		0								
	MID.		0	0	0	57	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.640	26.530	26.550
BAROGRAPH 64	26.650	26.640	26.540	26.550
BAR. CORR. 65	0	*0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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	45	0	0	0	22	SW	1338					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: 0710P ±1 Sec. 1748P ±3 Sec. ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	CLR	20			123	50	23	06	02		997	305	MR
SA	0149	CLR	20			126	51	21	09	04		998		MR
SA	0250	CLR	20			120	50	22	17	02		997		MR
SA	0348	250 SCT	20			132	46	24	08	05		998	305 1008 46 RADAT 30119	CG
SA	0449	250 SCT	20			137	46	25	10	05		999		CG
SA	0548	CLR	20			144	46	27	13	03		001		CG
SA	0646	CLR	20			149	49	25	11	05		002	210 1008	CG
SA	0746	CLR	20			154	57	28	10	02		004		CG
SA	0850	CLR	20			148	65	23	30	02		003		CG
SA	0948	250-SCT	20			144	71	19	21	07		003	103 1008 45	CG
SA	1052	250-SCT	20			144	72	26	19	~~26~~		003		CG
SA	1148	250-SCT	20			136	74	27	22	12		001		CG
SA	1252	250-BKN	20			128	77	21	21	08		998	814 1008	CG
SA	1349	250-BKN	20			122	78	20	23	12		996		CG
SA	1450	250-SCT	20			124	79	17	25	08		997		CG
SA	1549	250 - BKN	20			130	76	22	21	07		998	502 1006 79 RADAT 20121	MR
SA	1645	250 - SCT	20			136	72	20	23	06		999		MR
SA	1747	CLR	20			150	63	19	36	04		002		MR
SA	1845	CLR	20			156	62	17	04	07		004	319	MR
SA	1947	CLR	20			161	59	16	07	03		006		MR
SA	2048	CLR	20			162	62	13	05	08		008		MR
SA	2148	CLR	20			163	62	14	03	15	G21	009	115 1055 79	MR
SA	2247	CLR	20			175	59	15	04	11		012		MR
SA	2344	250 - SCT	20			179	58	16	04	14		013		MR

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, NV

DATE: 1982 OCT 18

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	26.565	50.3	39.0	34	0															0	3	.015			00-01
01 49	26.575	50.6	38.6	31	0															0					01-02
02 50	26.560	49.9	38.5	34	0															0					02-03
03 48	26.580	46.1	37.0	41	2	2	Cs	250												2	3	.015			03-04
04 49	26.590	45.7	37.0	43	2															2					04-05
05 48	26.600	46.0	37.8	47	0															0					05-06
06 46	26.610	48.9	38.7	38	0	0	Cs	250												0	2	.030			06-07
07 46	26.630	56.7	43.5	32	0															0					07-08
08 50	26.620	64.5	46.0	21	0															0					08-09
09 48	26.620	70.7	47.9	14	2	2	Cs	250												0	1	.010			09-10
10 52	26.620	72.3	50.0	17	2															0					10-11
11 48	26.600	74.1	51.0	17	2															0					11-12
12 52	26.580	77.1	51.0	12	7	7	Cs	250												0	8	.040			12-13
13 49	26.560	77.8	51.1	11	8															0					13-14
14 50	26.570	78.7	51.0	10	5															0					14-15
15 49	26.575	75.7	50.7	14	6	6	Cs	250												2	5	.005			15-16
16 45	26.585	72.2	48.8	14	1															0					16-17
17 47	26.610	63.0	44.4	18	0															0					17-18
18 45	26.630	61.6	43.3	18	0															0	3	.055			18-19
19 47	26.645	58.6	42.5	18	0															0					19-20
20 48	26.665	61.9	42.7	15	0	~~0~~	~~Ac~~	~~170~~	~~0~~	~~Cs~~	~~250~~	~~0~~								0					20-21
21 48	26.675	61.6	42.6	15	0	0	Ac	170	0	Cs	250	0								0	1	.045			21-22
22 47	26.705	59.0	41.6	18	0															0					22-23
23 44	26.715	57.8	41.1	19	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	54	46	X	X						X		
	0344	1	0	0	0	57	46		0								
	0945	2	0	0	0	71	45		0								
	1545	3	0	0	0	79	71		0								
	2143	4	0	0	0	76	58		0								
	MID.	X	0	0	0	62	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.620	26.575	26.675
BAROGRAPH 64	26.576	26.620	26.570	26.665
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 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
79	45	0	0	0	21	NE	2143					3	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: 0805P ⊃1 Sec./ 1647P ⊃2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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)	OB. SERVER'S INITIALS (15)
SA	0044	250 - SCT	20			178	57	13	04	14 G20		014	115 1006	MR
SA	0149	250 - SCT	20			184	55	11	04	15 G21		015		MR
SA	0250	250 - BKN	20			185	53	10	05	16		015		MR
SA	0349	E250 BKN	20			193	53	9	06	17		017	310 1008 53 RADAT 20114	CG
SA	0448	E250 OVC	20			198	52	12	06	16		018		CG
SA	0550	150 SCT E250 OVC	20			214	51	13	05	16		020		CG
SA	0649	E150 BKN 250 OVC	20			218	51	14	04	13		022	214 1078	CG
SA	0747	E150 BKN 250 OVC	20			229	52	13	03	12		025		CG
SA	0848	E150 BKN 250 OVC	20			228	53	11	03	15		025		CG
SA	0948	E150 BKN 250 OVC	20			222	55	11	03	14		024	007 1078 50	CG
SA	1051	E150 BKN 250 OVC	20			218	58	10	03	17		023		CG
SA	1146	E150 BKN 250 BKN	20			214	60	9	08	10		022		CG
SA	1246	E150 BKN	20			198	62	10	11	17		017	820 1070	CG
SA	1346	150 SCT	20			195	64	11	12	11		016		CG
SA	1447	150 SCT	20			188	64	9	13	16		014		CG
SA	1547	CLR	20			187	63	8	12	10 G16		013	612 1071 65 RADAT 41109	MR
SA	1646	CLR	20			188	61	7	10	11		013		MR
SA	1749	~~CLR~~ 250 - SCT	20			190	59	6	10	09		015		MR
SA	1848	250 - SCT	20			204	55	7	11	09		016	310 1001	MR
SA	1944	250 - SCT	20			206	56	7	07	06		017		MR
SA	2047	250 - SCT	20			210	53	9	05	08		018		MR
SA	2148	250 - SCT	20			213	52	10	04	10		019	208 1001 65	MR
SA	2247	250 - SCT	20			207	50	10	05	10		017		MR
SA	2347	250 - SCT	20			204	50	10	05	10		017		MR

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, NV

DATE: 1982 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 44	26.720	56.9	40.1	17	3	3	CS	250												1	1	.045			00-01
01 49	26.730	54.9	38.7	17	3															1					01-02
02 50	26.730	53.4	37.8	17	7															2					02-03
03 49	26.750	53.0	37.5	17	9	9	CS	E250												8	3	.030			03-04
04 48	26.760	52.3	37.6	20	10															9					04-05
05 50	26.780	50.9	37.1	22	10															9					05-06
06 49	26.790	50.5	37.0	23	10	7	AC	E150	3	CS	250	10								10	2	.040			06-07
07 47	26.820	51.9	37.5	21	10															10					07-08
08 48	26.820	52.8	37.7	19	10															10					08-09
09 48	26.810	55.3	39.0	17	10	8	AC	E150	2	CS	250	10								10	0	.020			09-10
10 51	26.800	57.9	40.1	15	10															10					10-11
11 46	26.790	59.8	41.0	13	9															9					11-12
12 46	26.750	62.2	42.4	13	7	7	AC	E150												7	8	.060			12-13
13 46	26.740	64.0	43.3	12	4															4					13-14
14 47	26.720	64.2	43.1	11	1															1					14-15
15 47	26.715	62.9	42.4	11	0	0	AC	120	0	CI	250	0								0	6	.035			15-16
16 46	26.715	61.0	41.2	11	0															0					16-17
17 49	26.730	58.7	40.0	12	2															0					17-18
18 48	26.745	55.3	38.4	14	2	2	CI	250												0	3	.030			18-19
19 44	26.755	55.7	38.6	14	2															0					19-20
20 47	26.760	53.3	37.6	17	2															0					20-21
21 48	26.770	51.9	37.1	18	2	2	CI	250												0	2	.025			21-22
22 47	26.755	49.9	35.9	20	1															0					22-23
23 47	26.750	50.1	36.1	20	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	58	53	X	X						X		
	0345	1	0	0	0	62	53		0								
	0944	2	0	0	0	55	50		0								
	1543	3	0	0	0	65	55		0								
	2143	4	0	0	0	63	52		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.810	26.715	26.770
BAROGRAPH 64	26.740	26.810	26.715	26.760
BAR. CORR. 65	+.010	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
65	50	0	0	0	23	E	1303					7	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0930P ±1 Sec. 1652P ±2 Sec. ± Sec.

SUPERSEDES MF1-10 (1-79) 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, NV

DATE: 1982 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)	OBSERVER'S INITIALS (15)
SA	0049	250-SCT	20			198	51	11	04	10		016	710 1001	WR
SA	0150	250-BKN	20			198	50	12	04	10		016		WR
SA	0250	250-BKN	20			195	49	12	03	10		015		WR
SA	0348	230 SCT	20			195	49	14	04	12		015	603 1008 49 RADAT 39107	HH
SA	0449	E230 BKN	20			196	48	13	09	10		015		HH
SA	0548	E230 BKN	20			197	50	13	04	14		015	FEW AC	HH
SA	0645	230 SCT	20			203	49	14	05	12		016	303 1078	HH
SA	0748	230 SCT	20			204	54	16	04	09		017		HH
SA	0848	CLR	20			203	57	15	04	09		017		HH
SA	0947	CLR	20			200	60	15	28	02		017	002 1001 48	HH
SA	1048	CLR	20			198	64	12	01	04		016		HH
SA	1153	CLR	20			186	69	11	14	05		014		HH
SA	1250	CLR	20			174	71	15	16	06		011	819	HH
SA	1347	CLR	20			170	73	13	22	07		010		HH
SA	1450	CLR	20			167	72	14	22	09		009		HH
SA	1549	250-SCT	20			163	72	17	17	05		008	710 1001 73 RADAT	JC
/													50108	/
SA	1648	CLR	20			168	69	13	23	06		009		JC
SA	1749	CLR	20			176	62	14	24	02		010		JC
SA	1850	CLR	20			186	57	12	12	04		012	314	JC
SA	1947	CLR	20			190	54	17	09	03		013		JC
SA	2050	CLR	20			188	53	14	07	02		013		JC
SA	2149	CLR	20			192	50	18	04	07		014	207 73	JC
SA	2250	CLR	20			191	48	17	11	02		014		JC
SA	2348	CLR	20			192	48	20	35	03		015		JC

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, NV

DATE: 1982 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 49	26.740	50.7	36.5	20	1	1	Ci	250												0	7	.030			00-01
01 50	26.740	49.9	36.2	21	7															2					01-02
02 50	26.730	49.0	35.8	22	7															1					02-03
03 48	26.730	48.8	36.0	24	5	5	Cs	230												4	6	.010			03-04
04 49	26.730	47.7	35.2	24	7															6					04-05
05 48	26.730	47.6	36.4	23	8															7					05-06
06 45	26.740	48.7	36.0	25	4	0	Ac	160	4	Cs	230	4								4	3	.010			06-07
07 48	26.750	53.7	39.0	22	1															1					07-08
08 48	26.750	57.2	40.7	19	0															0					08-09
09 47	26.745	60.3	42.3	17	0	0	Ci	230												0	0	.005			09-10
10 48	26.740	63.6	43.3	13	0															0					10-11
11 53	26.720	69.2	45.8	10	0															0					11-12
12 50	26.690	70.8	47.2	12	0															0	8	.055			12-13
13 47	26.680	72.8	47.8	10	0															0					13-14
14 50	26.670	72.0	47.5	11	0															0					14-15
15 49	26.660	71.7	47.7	12	1	1	Ci	250												0	7	.030			15-16
16 48	26.670	68.8	46.0	12	0															0					16-17
17 49	26.680	61.9	42.9	15	0															0					17-18
18 50	26.700	56.8	39.9	16	0															0	3	.040			18-19
19 47	26.710	53.9	39.0	23	0															0					19-20
20 50	26.710	53.0	38.3	21	0															0					20-21
21 49	26.720	50.1	37.7	28	0															0	2	.020			21-22
22 50	26.720	48.1	36.4	29	0															0					22-23
23 48	26.730	48.0	37.0	33	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	X	0	0	X	51	49	X	X						X		
	0344	1	0	0	0	52	49		0								
	0943	2	0	0	0	60	48		0								
	1545	3	0	0	0	73	60		0								
	2145	4	0	0	0	72	50		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.745	26.660	26.720
BAROGRAPH 64	26.730	26.750	26.670	26.720
BAR. CORR. 65	0	-.005	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
73	48	0	0	0	17	NE	0608					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: 0801 P ±2 Sec./ 1913 P ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			192	48	17	35	02		015	203	JC
SA	0146	CLR	20			191	47	14	12	02		015		JC
SA	0247	CLR	20			191	48	17	02	04		015		JC
SA	0350	CLR	20			190	48	17	33	04		015	400 47 RADAT 24121	JC
SA	0447	CLR	20			194	45	15	06	04		015		JC
SA	0548	240-BKN	20			202	44	16	36	02		016		JC
SA	0645	240-OVC	20			212	47	19	05	02		019	312 1001	JC
SA	0745	240-OVC	20			224	54	16	33	04		023		JC
SA	0846	240-OVC	20			218	64	19	19	03		023		JC
SA	0948	240-OVC	20			218	67	16	24	04		023	112 1001 44	JC
SA	1046	240-OVC	20			213	70	16	34	03		022		JC
SA	1146	240-OVC	20			201	74	17	16	04		018		JC
SA	1248	240-OVC	20			194	76	19	21	06		016	720 1001	JC
SA	1347	240-OVC	20			189	76	21	24	08		015		JC
SA	1450	E240 OVC	20			189	75	21	23	07		015		JC
SA	1549	E240 OVC	20			189	75	21	24	05		015	603 1004 77 RADAT	JC
/													39127	/
SA	1648	E240 OVC	20			202	69	27	23	06		017		JC
SA	1750	E240 OVC	20			208	64	19	08	04		018		JC
SA	1848	240-BKN	20			217	60	20	09	06		021	217 1001	JC
SA	1946	240-BKN	20			214	59	21	08	02		021		JC
SA	2048	240-BKN	20			213	57	17	07	05		022		JC
SA	2149	E240 OVC	20			215	57	22	35	04		023	307 1006 77	JC
SA	2247	E240 OVC	20			209	57	21	06	05		022		JC
SA	2345	E240 OVC	20			204	55	20	01	03		021		JC

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, NV

DATE: 1982 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	26.730	47.6	36.0	29	0															0	2	.010			00-01
01 46	26.730	47.4	35.4	26	0															0					01-02
02 47	26.730	47.8	36.2	29	0															0					02-03
03 50	26.730	47.5	36.0	29	0															0	4	.000			03-04
04 47	26.730	44.6	34.0	30	0															0					04-05
05 48	26.740	43.9	33.8	32	7															0					05-06
06 45	26.765	47.2	36.2	32	10	10	Ci	240												0	3	.035			06-07
07 45	26.800	53.7	39.0	22	10															2					07-08
08 46	26.800	63.8	44.8	18	10															1					08-09
09 48	26.800	66.9	45.6	14	10	10	Ci	240												1	1	.035			09-10
10 46	26.785	70.0	47.0	13	10															4					10-11
11 46	26.760	73.8	48.8	11	10															0					11-12
12 48	26.740	75.5	50.0	12	10	10	Ci	240												1	7	.060			12-13
13 47	26.730	75.6	50.4	13	10															4					13-14
14 50	26.730	74.8	50.0	13	10															7					14-15
15 49	26.730	74.7	50.0	13	10	10	Ci	240												8	6	.010			15-16
16 48	26.750	69.2	49.0	20	10															8					16-17
17 50	26.760	63.6	45.2	20	10															6					17-18
18 48	26.780	59.7	43.0	21	9	9	Ci	240												3	2	.050			18-19
19 46	26.780	58.9	42.7	22	8															3					19-20
20 48	26.790	56.9	41.0	21	7															3					20-21
21 49	26.800	56.8	42.0	25	10	10	Ci	240												8	3	.020			21-22
22 47	26.790	57.3	42.0	24	10															9					22-23
23 45	26.780	55.0	40.7	25	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	48	47	X	X						X		
	0345	1	0	0	0	50	47		0								
	0744	2	0	0	0	67	44		0								
	1545	3	0	0	0	77	66		0								
	2145	4	0	0	0	76	56		0								
	MID.	X	0	0	0	57	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0748	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.800	26.730	26.800
BAROGRAPH 64	26.730	26.800	26.740	26.800
BAR. CORR. 65	0	0*	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	44	0	0	0	12	S	1249					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: 0716P ±2 Sec./ 1905P ±2 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED

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 NV

DATE: 1982 OCT 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	E250 OVC	20			208	55	22	34	06		022	503 1007	JC
SA	0149	E250 OVC	20			209	54	21	10	06		022		JC
SA	0248	E250 OVC	20			210	53	22	06	04		022		JC
SA	0348	E210 OVC	20			200	51	20	36	05		019	807 1007 53 RADAT 49128	[illegible]
SA	0448	E210 OVC	20			212	51	20	19	04		022		[illegible]
SA	0546	E210 OVC	20			215	53	22	35	08		022		[illegible]
SA	0647	E180 OVC	20			226	53	22	09	05		025	215 102/	[illegible]
SA	0745	E180 OVC	20			226	58	23	16	02		025		[illegible]
SA	0845	E180 BKN 250 OVC	20			221	63	23	24	02		024		[illegible]
SA	0947	180 SCT E250 OVC	20			208	72	19	13	12		022	808 1027 52	[illegible]
SA	1047	180 SCT E230 OVC	20			208	74	24	30	05		022		[illegible]
SA	1150	150 SCT E230 OVC	20			201	74	23	26	04		019		[illegible]
SA	1247	150 SCT E230 OVC	20			193	77	22	25	06		017	814 1077	[illegible]
SA	1347	150 SCT E230 OVC	20			189	76	22	23	08		016		[illegible]
SA	1450	E150 BKN 230 OVC	20			182	75	22	25	05		014		[illegible]
SA	1549	E150 BKN 230 OVC	20			182	74	26	22	04		014	610 1078 77 RADAT	JC
/													38128	/
SA	1647	E150 BKN 230 BKN	20			184	73	22	21	03		014		JC
SA	1749	E150 BKN 230 BKN	20			185	65	26	05	05		014		JC
SA	1848	150 SCT 230 SCT	20			191	63	22	10	06		015	303 1071	JC
SA	1949	150 SCT	20			191	59	26	08	04		015		JC
SA	2050	150 SCT	20			198	56	19	07	03		017		JC
SA	2149	CLR	20			194	56	23	09	04		017	207 77	JC
SA	2248	250 SCT	20			191	54	23	08	04		016		JC
SA	2346	250 SCT	20			188	53	22	35	03		015		JC

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, NV

DATE: 1982 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	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 46	26.790	55.4	41.4	27	10	10	CS	E250												10	5	.010			00-01
01 49	26.790	53.5	40.0	27	10															9					01-02
02 48	26.790	53.2	40.1	29	10															9					02-03
03 48	26.770	53.8	40.0	26	10	10	CS	E210												9	8	.020			03-04
04 48	26.790	53.5	39.9	27	10															9					04-05
05 46	26.790	52.9	40.0	29	10															10					05-06
06 47	26.815	53.3	40.1	29	10	10	AS	E180												10	2	.045			06-07
07 45	26.800	57.8	42.8	26	10															10					07-08
08 45	26.810	62.7	45.0	21	10															7					08-09
09 47	26.790	71.8	48.3	13	10	3	AS	180	10	CS	E250	10								7	8	.025			09-10
10 47	26.790	73.8	50.3	16	10															8					10-11
11 50	26.770	73.7	50.0	15	10															9					11-12
12 47	26.750	76.8	51.0	13	10	4	AC	150	10	CS	E230	10								7	8	.040			12-13
13 47	26.740	76.3	50.8	13	10															7					13-14
14 50	26.720	75.2	50.4	14	10															7					14-15
15 49	26.720	74.4	50.9	16	10	7	AC	E150	3	CS	230	10								8	6	.030			15-16
16 47	26.720	72.8	49.4	15	9															6					16-17
17 49	26.720	65.0	46.8	22	8															5					17-18
18 48	26.730	63.2	45.2	21	4	3	AC	150	1	CI	230	4								3	3	.010			18-19
19 49	26.730	58.7	44.0	28	1															1					19-20
20 50	26.750	56.2	41.0	23	1															1					20-21
21 49	26.750	55.8	41.8	28	0															0	2	.020			21-22
22 48	26.740	53.8	40.8	30	1															1					22-23
23 46	26.730	52.6	40.0	30	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	55	53	X	X						X		
	0344	1	0	0	0	57	53		0								
	0943	2	0	0	0	72	52		0								
	1545	3	0	0	0	77	72		0								
	2145	4	0	0	0	74	55		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.790	26.720	26.750
BAROGRAPH 64	26.780	26.795	26.720	26.750
BAR. CORR. 65	-.010	-.005	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	52	0	0	0	16	S	1325					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: 0551 ±2 Sec./ 1907P ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 23

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			185	53	21	10	05		015	607	JC
SA	0147	250 SCT	20			185	53	23	16	06		015		JC
SA	0245	E250 BKN	20			181	54	26	25	04		014		JC
SA	0347	E160 BKN 250 OVC	20			178	53	25	10	05		013	807 1077 50 RADAT 47126	[illegible]
SA	0450	E160 BKN 250 OVC	20			176	54	23	35	07		013		[illegible]
SA	0546	E160 BKN 250 OVC	20			184	53	24	03	02		013		[illegible]
SA	0645	160 SCT E250 OVC	20			192	54	23	12	03		015	ACSL ALGDS / 307 1047	[illegible]
SA	0747	E160 BKN 250 OVC	20			194	55	23	33	07		015	ACSL ALGDS	[illegible]
SA	0848	160 SCT E250 OVC	20			193	59	26	27	05		015	ACSL SE	[illegible]
SA	0947	160 SCT 250 SCT	20			189	68	23	07	04		015	400 1048 50	[illegible]
SA	1048	160 SCT 250 SCT	20			178	74	27	12	08		013	ACSL SE	[illegible]
SA	1145	160 SCT E250 BKN	20			170	77	31	13	04		011	ACSL SE	[illegible]
SA	1247	160 SCT 250 SCT	20			154	80	33	18	14	G21	006	827 1041	[illegible]
SA	1349	160 SCT 250 SCT	20			151	79	36	23	16	G24	005	ACSL SE	[illegible]
SA	1450	250 SCT	20			149	80	36	21	16	G22	005	ACSL S	[illegible]
SA	1549	E250 BKN	20			146	78	38	21	13	G20	004	ACSL SW / 707 1048	JC
/													81 RADAT 54130	/
SA	1647	E250 BKN	20			147	75	40	24	08		004		JC
SA	1748	E250 BKN	20			157	73	37	20	04		007		JC
SA	1849	E250 BKN	20			158	71	37	16	04		007	207 1008	JC
SA	1950	E250 BKN	20			166	66	31	13	06		009		JC
SA	2049	E250 BKN	20			164	65	31	12	07		009		JC
SA	2149	E250 BKN	20			162	62	28	13	10		009	107 1008 81	JC
SA	2250	E250 OVC	20			161	59	32	27	06		009		JC
SA	2348	E250 OVC	20			158	59	32	06	06		009		JC

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, NV

DATE: 1982 OCT 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.730	53.0	39.9	28	0															0	6	.020			00-01
01 47	26.730	52.8	40.2	30	1															1					01-02
02 45	26.720	54.0	41.8	34	7															6					02-03
03 47	26.710	52.9	40.9	34	10	7	AC	E160	10	CS	250	10								10	8	.020			03-04
04 50	26.705	53.8	40.7	29	10															10					04-05
05 46	26.710	52.5	40.3	32	10															8					05-06
06 45	26.730	53.7	40.7	30	10	4	ACSL	160	7	CS	E250	10								8	3	.020			06-07
07 47	26.730	55.2	41.5	28	10															8					07-08
08 48	26.730	59.3	44.3	28	10															6					08-09
09 47	26.730	67.8	47.5	18	2	1	ACSL	160	1	CS	250	2								2	4	.000			09-10
10 48	26.710	73.7	51.0	18	3															3					10-11
11 45	26.690	76.8	53.2	18	7															5					11-12
12 47	26.650	80.0	55.0	18	2	1	ACSL	160	1	CI	250	2								2	8	.080			12-13
13 49	26.640	79.3	55.6	21	1															1					13-14
14 50	26.640	80.0	56.2	21	1															1					14-15
15 49	26.630	77.7	55.7	24	7	0	ACSL	160	7	CS	E250	7								6	7	.020			15-16
16 47	26.630	75.0	55.4	28	8															8					16-17
17 48	26.650	73.1	53.7	27	6															4					17-18
18 49	26.650	70.7	52.9	30	8	8	CS	E250												6	2	.020			18-19
19 50	26.670	66.4	48.8	26	9															7					19-20
20 49	26.670	65.1	48.4	28	8															6					20-21
21 49	26.670	62.0	46.2	28	8	8	CS	E250												7	1	.020			21-22
22 50	26.670	58.7	45.7	36	10															10					22-23
23 48	26.670	58.8	46.0	37	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 0343	X	0	0	X	54	50	X	X						X		
	0343	1	0	0	0	56	50		0								
	0942	2	0	0	0	68	52		0								
	1545	3	0	0	0	81	67		0								
	2145	4	0	0	0	78	62		0								
	MID.	X	0	0	0	63	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.630	26.670
BAROGRAPH 64	26.715	26.730	26.635	26.670
BAR. CORR. 65	-.005	0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	50	0	0	0	24	SW	1348					6	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ 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: 0556 ±2 Sec./ 1917P ±2 Sec./ ± Sec.

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, NV

DATE: 1982 OCT 24

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	0047	E250 OVC	20			157	58	33	34	04		009	400 1007	JC
SA	0150	E250 OVC	20			158	61	31	02	04		009		JC
SA	0247	E250 OVC	20			154	59	32	11	05		008		JC
SA	0352	140 SCT E250 OVC	20			152	57	32	27	02		006	807 1077 55 RADAT 65123	CRD
SA	0445	140 SCT E250 OVC	20			154	57	32	11	03		006		CRD
SA	0550	140 SCT E250 OVC	20			154	58	33	04	05		006		CRD
SA	0645	140 SCT E250 OVC	20			160	58	32	32	04		008	305 1077	CRD
SA	0748	E120 BKN 250 OVC	20			171	62	32	32	02		011		CRD
SA	0846	E100 BKN 2500 VC	20		RW-	174	63	36	03	04		012	RB37	CRD
SA	0948	80 SCT E100 BKN 250 OVC	20		RW-	176	65	36	24	05		013	21400 1577 55	CRD
SA	1048	E80 BKN 1000 VC	15		RW-	187	62	48	23	03		014		CRD
SA	1145	E80 OVC	15		RW-	184	61	49	05	03		013		CRD
SA	1251	80 SCT E100 BKN 2500 VC	20			163	65	45	05	06		008	RE10 / 81402 1577	CRD
SA	1348	E80 BKN 100 OVC	20			162	62	44	13	10		007		CRD
SA	1451	E80 BKN 100 OVC	20		RW-	163	62	44	11	10		007	RB37	CRD
SA	1552	E80 BKN 100 BKN 250 BKN	20			160	63	47	12	10		007	RE2252 / 80502 1538 65	EP
/													RADAT 92110	/
SA	1646	E80 BKN 100 OVC	20			160	62	47	11	08		007		EP
SA	1750	80 SCT 100 SCT	20			165	60	47	13	07		007		EP
SA	1846	80 SCT 100 SCT	20			165	59	47	07	07		007	103 1530	EP
SA	1950	80 SCT 250-SCT	20			166	56	46	08	08		008		EP
SA	2047	80 SCT 250-BKN	20			166	54	47	04	04		008		EP
SA	2149	80 SCT 250-BKN	20			164	53	48	05	04		007	000 1508 65	EP
SA	2247	80 SCT E250 OVC	20			165	55	48	05	04		007		EP
SA	2348	80 SCT E250 OVC	20			166	56	47	07	05		008		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, NV

DATE: 1982 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	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	26.670	58.4	46.1	38	10	10	Cs	E250												10	4	.000			00-01
01 50	26.670	61.1	46.7	32	10															9					01-02
02 47	26.660	58.9	45.8	36	10															8					02-03
03 52	26.650	57.1	45.0	38	10	4	Ac	140	6	Cs	E250	10								10	8	.020			03-04
04 45	26.650	57.0	45.2	39	10															10					04-05
05 50	26.650	58.3	45.9	38	10															10					05-06
06 45	26.665	58.2	45.6	37	10	4	Ac	140	6	Cs	E250	10								10	3	.015			06-07
07 48	26.690	61.8	47.3	33	10															10					07-08
08 46	26.700	63.0	49.3	37	10															10					08-09
09 48	26.705	65.3	50.1	34	10	2	Sc	80	5	Ac	E100	7	3	Cs	250	10				10	2	.040			09-10
10 48	26.720	61.8	53.8	61	10															10					10-11
11 45	26.710	61.3	54.0	63	10															10					11-12
12 51	26.665	65.3	53.8	48	10	4	Sc	80	3	Ac	E100	7	3	Cs	250	10				10	8	.040			12-13
13 48	26.660	62.0	52.0	52	10															10					13-14
14 51	26.660	62.2	52.1	52	10															10					14-15
15 52	26.650	62.6	53.5	56	9	6	Sc	E80	2	Ac	100	8	1	Cs	250	9				9	8	.015			15-16
16 46	26.650	61.6	53.2	58	10															9					16-17
17 50	26.660	60.0	52.6	62	3															3					17-18
18 46	26.660	58.8	52.0	64	2	1	Sc	80	1	Ac	100	2								2	1	.010			18-19
19 50	26.665	55.5	50.1	70	3															1					19-20
20 47	26.665	54.1	50.2	77	8															2					20-21
21 49	26.660	53.3	50.2	82	9	2	Sc	80	8	Cs	250	9								3	0	.000			21-22
22 47	26.660	55.2	50.9	76	10															7					22-23
23 48	26.665	56.2	51.2	72	10															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	63	55	X	X						X		
	0348	1	0	0	0	63	55		0								
	0945	2	T	0	0	65	55		0								
	1546	3	.02	0	0	65	61		1								
	2144	4	0	0	0	63	53		1								
	MID.	X	0	0	0	56	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.705	26.650	26.660
BAROGRAPH 64	26.650	26.705	26.655	26.660
BAR. CORR. 65	0	0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	53	.02	0	0	15	E	1351					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0839	1210			
RW-	1437	1452			

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: 0400 ±2 Sec./ 2100 ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 25

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	80 SCT E250 OVC	20			157	57	46	11	13		006	505 1507	EP
SA	0147	80 SCT 250 - BKN	20			156	56	46	35	05		005		EP
SA	0250	80 SCT 250 - SCT	20			156	51	47	03	06		004		EP
SA	0350	80 SCT 140 SCT E250 BKN	20			155	50	46	31	06		004	605 1578 50 20002 RADAT	CRD
/													66117	/
SA	0447	80 SCT 140 SCT 250 SCT	20			160	50	45	08	07		005		CRD
SA	0545	80 SCT 140 SCT E250 BKN	20			158	49	45	09	05		004		CRD
SA	0647	80 SCT 140 SCT E250 OVC	20			162	50	45	07	06		005	203 1577	CRD
SA	0748	80 SCT E250 OVC	20			170	55	46	35	03		007		CRD
SA	0847	80 SCT E250 OVC	20			175	59	44	12	05		009		CRD
SA	0948	80 SCT E250 OVC	20			171	62	47	19	03		008	010 1507 48	CRD
SA	1050	80 SCT E250 OVC	20			166	65	45	10	06		008		CRD
SA	1146	120 SCT E250 OVC	20			152	67	46	18	06		004	SC AKQDS	CRD
SA	1248	120 SCT E250 OVC	20			149 48	70	44	13	06		002	720 1577	CRD
SA	1347	120 SCT E250 OVC	20			132	72	44	21	15		999	SC NW	CRD
SA	1450	E250 OVC	20			138	69	44	12	07		999	SC NW	CRD
SA	1549	E140 BKN 250 OVC	20			136	68	44	10	09		999	608 1117 72 RADAT 20124	EP
SA	1648	E160 BKN 230 OVC	20			139	66	44	13	07		999		EP
SA	1749	E160 BKN 230 OVC	20			139	65	45	11	11		999		EP
SA	1850	E160 BKN 230 OVC	20			135	63	45	10	04		998	803 1017	EP
SA	1949	E160 OVC	20			130	66	42	17	15		997		EP
SA	2049	E160 BKN 230 OVC	20			123	67	41	18	16	G24	996		EP
SA	2147	140 SCT E230 OVC	20			113	66	42	17	21	G31	994	812 1017 72	EP
SA	2250	E140 BKN 230 OVC	20			116	65	43	17	20	G29	995		EP
SA	2348	140 SCT 230 - SCT	20			100	65	42	17	18	G29	991		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ 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, NV

DATE: 1982 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	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	26.645	56.8	50.7	67	10	5	Sc	80	10	CS	E250	10								8	5	.015			00-01
01 47	26.640	55.6	50.3	70	6															2					01-02
02 50	26.630	51.3	48.7	84	2															1					02-03
03 50	26.630	49.9	47.8	86	6	2	Sc	80	2	Ac	140	4	2	Cs	E250	6				6	6	.015			03-04
04 47	26.640	49.5	46.8	86	5															5					04-05
05 45	26.630	49.3	47.0	86	8															8					05-06
06 47	26.640	50.1	47.5	84	10	1	Sc	80	1	Ac	140	2	8	Cs	E250	10				9	2	.010			06-07
07 48	26.660	54.8	49.8	72	10															10					07-08
08 47	26.680	58.8	50.6	58	10															10					08-09
09 48	26.670	62.2	53.4	57	10	1	Sc	80	9	Cs	E250	10								6	0	.030			09-10
10 50	26.665	65.4	53.8	48	10															6					10-11
11 46	26.630	67.0	55.0	47	10															6					11-12
12 48	26.610	69.8	55.2	40	10	0	Sc	80	2	Ac	120	2	8	Cs	E250	10				6	7	.060			12-13
13 47	26.590	72.2	56.2	37	10															8					13-14
14 50	26.590	69.2	55.0	41	10															10					14-15
15 49	26.585	67.6	54.2	42	10	0	Cu	60	6	As	E140	6	6	Cs	250	10				10	6	.025			15-16
16 48	26.590	66.2	53.8	45	10															10					16-17
17 49	26.585	64.5	53.3	49	10															10					17-18
18 50	26.575	63.0	52.8	52	10	7	As	E160	4	Cs	230	10								10	8	.010			18-19
19 49	26.570	65.6	52.5	42	10															10					19-20
20 49	26.555	66.5	52.5	39	10															10					20-21
21 47	26.540	65.9	52.5	41	10	4	As	140	10	Cs	E230	10								9	8	.035			21-22
22 50	26.550	64.9	52.7	45	10															10					22-23
23 48	26.510	64.7	52.4	44	5															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 0346	X	0	0	X	57	50	X	X						X		
	0346	1	0	0	0	57	50		1								
	0944	2	0	0	0	63	48		0								
	1545	3	0	0	0	72	62		0								
	2144	4	0	0	0	68	63		0								
	MID.	X	0	0	0	66	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.670	26.585	26.540
BAROGRAPH 64	26.630	26.670	26.580	26.530
BAR. CORR. 65	0	0*	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	48	0	0	0	35	5	2152					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0800 ±2 Sec./ 2100 ±2 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0051	140 SCT E230 BKN	20			102	64	42	20	21	G30	992	PK WND 1938/01/507 1018	EP
SA	0150	E140 BKN 230 OVC	20			098	64	43	21	24	G39	991	PK WND 2144/36	EP
SA	0250	E140 BKN 230 OVC	20			093	66	42	21	30	G42	989	PK WND 2142/41	EP
SA	0350	E140 BKN 250 OVC	20			088	64	46	19	25	G35	987	PK WND 2143/13 / 715 1077	CRD
/													63 RADAT 47117	/
SA	0450	140 SCT E250 OVC	20			093	63	44	20	24	G34	995	PK WND 2040/12	CRD
SA	0548	80 SCT 140 SCT E250 OVC	20			088	63	43	20	27	G49	996	PK WND 2049/43	CRD
SA	0651	80 SCT E140 BKN 250 OVC	20			092	62	44	22	22	G36	987	PK WND 1942/02 /302 1577	CRD
SA	0748	70 SCT E140 BKN 250 OVC	20			101	62	44	21	18	G32	991	PK WND 2137/31	CRD
SA	0849	70 SCT 140 SCT E250 BKN	20			105	64	46	22	25	G40	992	PK WND 2344/07	CRD
SA	0948	E70 BKN 140 BKN 250 OVC	20			111	64	46	21	18	G30	994	PK WND 2036/01 / 219 1147 62	CRD
SA	1050	E70 BKN 140 OVC	20		RW-	112	62	47	22	20	G27	994	RB35	CRD
SA	1152	E70 BKN 140 BKN	20			102	64	45	20	18	G25	991	RE05	CRD
SA	1246	70 SCT	20			088	68	40	21	21	G33	987	7/900 1200	CRD
SA	1349	70 SCT	20			082	68	36	21	20	G34	985	TCU NN	CRD
SA	1450	70 SCT	20			076	69	31	21	21	G30	984	TCU N	CRD
SA	1550	70 SCT	20			086	66	23 / 27	20	18	G30	986	TCU N / 503 1200 69	EP
/													RADAT 62 ~~065~~ 097	/
SA	1649	70 SCT	20			097	62	28	20	18	G28	989	TCU N	EP
SA	1748	E 70 BKN	20			121	59	~~44~~ 24	24	12		995	WDHFT 33	EP
RS SA	1852	E 70 BKN	20			140	58	32	03	16	G28	000	PK WND 0440/33/344 1400	EP
SA	1947	70 SCT E90 BKN	20			152	52	34	06	07		003		EP
SA	2049	90 SCT	20			165	47	37	29	04		006		EP
SA	2148	CLR	20			172	47	30	33	07		008	224 1030 69	EP
SA	2246	CLR	20			181	48	23	36	10		011		EP
SA	2345	CLR	20			184	47	24	01	10		012		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 1982 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	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	26.520	64.2	52.2	45	8	3	AS	140	6	CS	E230	8								6	5	.020			00-01
01 50	26.510	64.2	52.6	47	10															10					01-02
02 50	26.495	65.8	52.5	41	10															10					02-03
03 50	26.475	64.1	53.8	52	10	6	AC	E140	4	CS	250	10								10	7	.045			03-04
04 50	26.460	62.8	52.3	50	10															10					04-05
05 48	26.470	63.3	52.0	47	10															10					05-06
06 51	26.480	62.2	52.0	51	10	2	SC	80	4	AC	E140	6	4	CS	250	10				10	3	.005			06-07
07 48	26.505	62.3	52.3	52	10															10					07-08
08 49	26.520	64.4	54.1	52	7															7					08-09
09 48	26.535	63.8	53.7	53	10	6	CU	E70	2	AC	140	8	2	CS	250	10				10	2	.055			09-10
10 50	26.535	62.3	53.3	56	10															10					10-11
11 52	26.510	63.7	53.3	52	8															8					11-12
12 46	26.480	68.4	53.0	36	4	4	CU	70												4	7	.055			12-13
13 49	26.460	68.1	51.2	30	2															2					13-14
14 50	26.450	69.0	50.0	24	2															2					14-15
15 50	26.470	66.0	47.7	23	1	1	CU	70												1	5	.010			15-16
16 49	26.495	62.3	46.3	27	1															1					16-17
17 48	26.550	58.0	43.6	26	6															6					17-18
18 52	26.600	57.6	45.4	38	6	6	SC	E70												6	3	.130			18-19
19 47	26.620	52.0	43.2	49	7															7					19-20
20 49	26.650	46.6	42.0	69	1															1					20-21
21 48	26.670	47.3	39.5	50	0	0	AC	90												0	2	.070			21-22
22 46	26.690	47.9	37.7	37	0															0					22-23
23 45	26.700	47.0	37.5	40	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 0346	X	0	0	X	66	64	X	X						X		
	0346	1	0	0	0	66	64		0								
	0945	2	0	0	0	65	62		0								
	1545	3	T	0	0	69	62		0								
	2144	4	0	0	0	66	47		0								
	MID.	X	0	0	0	48	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.475	26.535	26.470	26.670
BAROGRAPH 64	26.470	26.525	26.460	26.655
BAR. CORR. 65	+.005	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	47	T	0	0	49	S	0543					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1035	1105			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0800 ±2 Sec./ 2005 ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0047	CLR	20			191	44	26	04	09		014	217	EP
SA	0148	CLR	20			195	44	28	06	10		015		EP
SA	0250	CLR	20			195	42	26	06	08		015		EP
SA	0347	CLR	20			205	42	24	05	04		017	210 42 RADAT 46072	JD
SA	0448	CLR	20			210	38	23	02	07		017		JD
SA	0546	CLR	20			217	40	24	04	06		019		JD
SA	0647	CLR	20			224	43	23	05	06		022	214	JD
SA	0747	CLR	20			232	48	24	04	06		024		JD
SA	0846	CLR	20			242	50	23	05	09		026		JD
SA	0948	CLR	20			240	52	22	05	08		026	114 38	JD
SA	1048	CLR	20			239	55	17	03	10	G19	026		JD
SA	1147	CLR	20			230	56	18	07	08		024		JD
SA	1247	CLR	20			225	58	16	03	09		023	812	JD
SA	1347	CLR	20			220	58	14	05	11		021		JD
SA	1450	CLR	20			220	59	16	02	10		021		JD
SA	1548	CLR	20			220	59	14	04	13		021	605 1001 59 RADAT 37081	EP
SA	1648	CLR	20			225	57	13	03	13		021		EP
SA	1748	CLR	20			227	54	15	05	12		022		EP
SA	1849	CLR	20			231	52	18	07	11		023	307	EP
SA	1946	CLR	20			229	50	16	06	10		023		EP
SA	2046	CLR	20			232	50	19	04	08		024		EP
SA	2147	CLR	20			236	47	20	05	11		025	307 59	EP
SA	2246	CLR	20			231	46	19	05	12		024		EP
SA	2347	250 - SCT	20			228	44	19	07	12		023		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, NV

DATE: 1982 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 47	26.720	44.0	36.6	50	0															0	2	.050			00-01
01 48	26.730	44.0	37.0	52	0															0					01-02
02 50	26.730	42.3	35.6	52	0															0					02-03
03 47	26.750	42.1	35.0	49	0															0	2	.030			03-04
04 48	26.750	37.6	31.9	55	0															0					04-05
05 46	26.770	40.0	33.8	53	0															0					05-06
06 47	26.790	43.0	35.2	46	0															0	2	.040			06-07
07 47	26.810	47.6	37.9	39	0															0					07-08
08 46	26.830	49.8	38.7	34	0															0					08-09
09 48	26.830	51.9	39.5	30	0															0	1	.040			09-10
10 48	26.830	54.5	39.6	22	0															0					10-11
11 47	26.810	56.1	40.8	22	0															0					11-12
12 47	26.795	57.9	41.2	19	0															0	8	.035			12-13
13 47	26.780	58.4	41.2	17	0															0					13-14
14 50	26.780	59.2	41.9	18	0															0					14-15
15 48	26.780	58.6	41.2	17	0	0	CI	250												0	6	.015			15-16
16 48	26.785	56.5	40.0	18	0															0					16-17
17 48	26.790	53.5	38.8	21	0															0					17-18
18 49	26.800	51.8	38.5	26	0															0	3	.020			18-19
19 46	26.800	50.4	37.4	25	0															0					19-20
20 46	26.810	49.5	37.5	29	0															0					20-21
21 47	26.820	46.9	36.5	35	0															0	3	.020			21-22
22 46	26.810	46.3	35.9	33	0															0					22-23
23 47	26.800	44.2	34.8	37	3															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	47	42	X	X						X		
	0343	1	0	0	0	48	42		0								
	0944	2	0	0	0	52	38		0								
	1544	3	0	0	0	59	52		0								
	2143	4	0	0	0	59	47		0								
	MID.	X	0	0	0	47	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.830	26.780	26.820
BAROGRAPH 64	26.730	26.820	26.770	26.810
BAR. CORR. 65	+.020	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	38	0	0	0	21	NE	1120					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: 0534P ±2Sec./ 2030 ±2Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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. (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	0049	250 - SCT	20			222	45	19	06	13		022	710 1008	EP
SA	0150	250 - SCT	20			223	43	19	05	12		022		EP
SA	0250	250 SCT	20			220	43	19	05	11		021		EP
SA	0349	250 - SCT	20			222	43	19	04	12		022	502 1078 42	/
													RADAT 39L072086096	JD
SA	0447	250 - SCT	20			222	41	19	04	10		021		JD
SA	0548	250 - SCT	20			222	41	18	04	09		020		JD
SA	0648	CLR	20			229	43	18	05	07		023	303 1001	JD
SA	0749	CLR	20			235	46	18	06	08		024		JD
SA	0847	CLR	20			232	49	18	04	10		024		JD
SA	0949	250 - SCT	20			222	54	17	08	09		022	803 1005 41	JD
SA	1047	250 - SCT	20			215	54	19	12	07		019		JD
SA	1146	250 - SCT	20			204	59	17	05	06		016		JD
SA	1248	250 - BKN	20			190	60	14	09	04	G23	013	725 1006	JD
SA	1347	250 - BKN	20			185	61	13	12	11		011		JD
SA	1450	250 - OVC	20			173	60	14	12	12		007		JD
SA	1546	250 - OVC	20			174	59	12	11	09		007	617 1006 62 RADAT 20116	008
SA	1645	250 - OVC	20			179	57	11	11	08		008		008
SA	1748	250 - OVC	20			187	52	13	10	07		009		008
SA	1847	250 SCT	20			187	50	14	10	08		009	107 1005	008
SA	1948	250 SCT	20			185	49	14	10	06		009		008
SA	2048	250 SCT	20			185	47	11	06	02		009		008
SA	2149	250 SCT	20			182	45	15	32	06		009	400 1005 62	008
SA	2249	250 SCT	20			186	45	15	03	04		011		008
SA	2348	250 - BKN	20			182	43	12	03	04		009		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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, NV

DATE: 1982 OCT 28

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	26.790	45.3	35.3	35	4	4	Cs	250												1	7	.030			00-01
01 50	26.790	42.8	33.9	38	1															0					01-02
02 50	26.780	42.9	34.0	38	2															2					02-03
03 49	26.785	42.6	33.6	38	2	0	Ac	150	2	Cs	250	2								1	5	.005			03-04
04 47	26.780	41.1	32.9	41	2															1					04-05
05 48	26.775	40.5	32.3	40	1															0					05-06
06 48	26.795	42.6	33.5	37	0	0	Ci	250												0	3	.010			06-07
07 49	26.810	46.0	35.4	32	0															0					07-08
08 47	26.810	49.0	37.1	29	0															0					08-09
09 49	26.785	53.9	39.3	23	1	1	Ci	250												0	8	.010			09-10
10 47	26.765	54.1	39.9	25	2															0					10-11
11 46	26.740	59.1	42.1	19	3															0					11-12
12 48	26.710	60.3	42.0	16	6	6	Cs	250												0	7	.025			12-13
13 47	26.690	60.7	42.1	15	7															0					13-14
14 50	26.660	59.7	41.7	16	10															2					14-15
15 46	26.660	59.4	41.2	15	10	10	Ci	250												4	6	.050			15-16
16 45	26.670	57.0	39.8	16	10															4					16-17
17 48	26.680	51.8	37.6	21	10															3					17-18
18 47	26.680	49.7	36.5	23	3	3	Ci	250												3	1	.020			18-19
19 48	26.680	48.6	36.0	25	2															2					19-20
20 48	26.680	46.8	34.4	23	2															2					20-21
21 49	26.680	45.4	34.4	29	2	2	Ci	250												2	4	.000			21-22
22 49	26.690	45.0	34.2	29	2															2					22-23
23 48	26.680	42.8	32.4	28	7															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 0344	X	0	0	X	45	42	X	X						X		
	0344	1	0	0	0	47	42		0								
	0945	2	0	0	0	54	41		0								
	1541	3	0	0	0	62	54		0								
	2140	4	0	0	0	60	44		0								
	MID.	X	0	0	0	46	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.785	26.785	26.660	26.680
BAROGRAPH 64	26.775	26.780	26.660	26.680
BAR. CORR. 65	+.010	+.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 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
62	41	0	0	0	24	NE	1221					5	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: 0515P ±2 Sec./ 2055P ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 OCT 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	250 -BKN	20			177	42	15	07	02		008	803 1006	008
SA	0146	250 -BKN	20			174	41	16	36	07		007		008
SA	0245	250 -BKN	20			166	41	15	29	03		005		008
SA	0349	E250 BKN	20			169	41	15	29	04		006	608 1008 40 RADAT 62122	JD
SA	0448	250 -BKN	20			170	41	15	14	04		006		JD
SA	0548	170 SCT 250 -BKN	20			173	41	15	33	04		006		JD
SA	0648	170 SCT 250 -BKN	20			181	42	16	34	04		008	307 1078	JD
SA	0747	250 -OVC	20			181	47	15	23	03		008		JD
SA	0847	250 -OVC	20			172	54	18	32	03		007		JD
SA	0948	170 SCT E250 OVC	20			163	57	17	32	03		004	812 1077 40	JD
SA	1046	E240 OVC	20			165	59	15	00	00		005		JD
SA	1147	190 SCT E240 OVC	20			153	62	13	00	00		002		JD
SA	1247	E190 BKN 240 OVC	20			145	63	15	24	03		999	815 1078	JD
SA	1347	E190 BKN 240 OVC	20			136	64	15	25	05		997		JD
SA	1450	E190 BKN 240 OVC	20			131	62	14	23	05		995		JD
SA	1549	E150 BKN 250 OVC	20			128	61	15	22	02		994	715 1078 65 RADAT 38130	008
SA	1644	E150 BKN 250 OVC	20			120	60	16	17	02		992		008
SA	1746	E150 BKN 250 OVC	20			126	57	16	09	02		993		008
SA	1846	E150 BKN 250 OVC	20			118	56	16	14	06		991	710 1078	008
SA	1949	E150 BKN 250 OVC	20			115	55	17	11	04		991		008
SA	2045	E150 BKN 250 OVC	20			108	54	18	08	06		990		008
SA	2146	E150 BKN 250 OVC	20			104	55	17	06	03		989	807 1078 65	008
SA	2248	E150 BKN 250 OVC	20			098	54	19	01	03		988		008
SA	2349	150 SCT E250 OVC	20			091	52	17	04	05		985		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ 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, NV

DATE: 1982 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 47	26.670	41.6	32.2	33	6	6	ci	250												2	8	.010			00-01
01 46	26.660	41.0	32.1	36	6															2					01-02
02 45	26.640	41.3	32.1	34	6															2					02-03
03 49	26.645	40.5	31.6	36	9	9	Cs	E250												6	6	.025			03-04
04 48	26.645	40.8	31.7	35	9															3					04-05
05 48	26.650	41.1	31.8	34	9															3					05-06
06 48	26.665	41.8	32.5	34	9	0	Ac	120	4	Ac	170	4	5	Cs	250	9				3	3	.020			06-07
07 47	26.670	47.2	35.8	27	10															5					07-08
08 47	26.655	54.2	39.7	23	10															4					08-09
09 48	26.630	56.8	40.9	21	10	0	Ac	120	1	Ac	170	1	10	Cs	E250	10				8	8	.035			09-10
10 46	26.640	59.0	41.6	18	10															8					10-11
11 47	26.610	61.7	42.6	15	10															9					11-12
12 47	26.585	62.7	43.4	15	10	0	Ac	170	9	Ac	E190	9	1	Cs	240	10				10	8	.045			12-13
13 47	26.565	63.8	43.9	15	10															9					13-14
14 50	26.550	61.9	42.8	15	10															10					14-15
15 49	26.540	61.1	42.6	16	10	9	AC	E150	1	CS	250	10								10	7	.045			15-16
16 44	26.520	60.0	42.2	17	10															10					16-17
17 46	26.530	56.9	40.7	20	10															10					17-18
18 46	26.510	55.8	40.1	20	10	9	AC	E150	1	CS	250	10								10	7	.030			18-19
19 49	26.510	55.3	40.1	22	10															10					19-20
20 45	26.500	54.4	40.0	24	10															10					20-21
21 46	26.490	55.1	40.1	22	10	7	AC	E150	3	CS	250	10								10	8	.020			21-22
22 48	26.480	54.3	40.0	24	10															10					22-23
23 49	26.460	51.9	38.4	25	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	43	40	X	X						X		
	0345	1	0	0	0	46	40		0								
	0944	2	0	0	0	57	40		0								
	1542	3	0	0	0	65	56		0								
	2140	4	0	0	0	61	54		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.630	26.540	26.490
BAROGRAPH 64	26.625	26.625	26.535	26.500
BAR. CORR. 65	+.020	+.005*	+.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	40	0	0	0	10	W	1231					10	9		

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: 0451P ±2Sec./ 2030P ±2Sec./ ± Sec.

* Barograph Changed 0950P 0 corr.

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, NV

DATE: 1982 OCT 30

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INTERVALS (15)
SA	0044	150 SCT E250 OVC	20			086	52	16	06	02		984	714 1078	005
SA	0147	150 SCT E250 OVC	20			085	52	16	34	06		984		005
SA	0246	150 SCT E250 OVC	20			083	52	16	10	04		983		005
SA	0349	E150 OVC	20			077	51	18	36	04		981	710 102/ 50 RADAT 44125	JD
SA	0448	E 150 OVC	20			078	51	19	17	03		982		JD
SA	0547	E 150 OVC	20			080	51	19	04	02		982		JD
SA	0647	E 120 OVC	15		R-	087	52	28	00	00		983	RB02E06B27 30701 102/	JD
SA	0748	E 90 OVC	10		R-	095	49	46	08	02		985	MTNS SE OBSCD	JD
SA	0847	E 90 OVC	10		R-	093	49	40	31	04		984	MTNS SE OBSCD	JD
SA	0949	E 90 OVC	10		R-	095	50	42	00	00		985	MTNS SE OBSCD 00713	/
													102/ 49	JD
SA	1046	E 90 OVC	15		R-	099	52	45	00	00		986	MTNS SE OBSCD	JD
SA	1149	E 90 OVC	10		R-	093	55	44	10	03		985	MTNS SE OBSCD	JD
SA	1247	E 90 OVC	15		R-	089	58	43	14	10	G24	984	MTNS SE OBSCD 80310 107/	JD
SA	1347	E 90 OVC	15		R-	090	57	45	14	09		984	MTNS SE OBSCD	JD
SA	1450	E 90 OVC	10		R-	094	55	45	22	10	G21	985	MTNS SE OBSCD	JD
SA	1550	E80 OVC	10		R-	100	53	46	24	10		986	MTNS SE OBSCD 30714 17//	/
													59 RADAT 92L086 099101	008
SA	1649	E80 OVC	10		R-	093	52	47	15	05		984	MTNS SE OBSCD	008
SA	1745	E80 OVC	10		R-	099	50	46	11	08		986		008
SA	1850	E80 OVC	10		R-	109	49	46	13	06		988	30702 17//	008
SA	1950	E80 OVC	10		R-	115	49	46	07	03		989		008
SA	2048	E80 OVC	10			120	50	45	12	10		992	RE40	008
SA	2147	E80 BKN 120 OVC	10			121	50	43	10	07		992	21004 172/ 59	008
SA	2248	E80 BKN 120 OVC	15			128	50	43	15	03		994	BINOVC	008
SA	2349	E80 BKN 120 OVC	15			135	49	44	10	06		996	BINOVC	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

✡ 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, NV

DATE: 1982 OCT 30

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 44	26.450	51.9	38.1	23	10	4	AC	150	6	CS	E250	10								9	7	.040			00-01
01 47	26.450	51.7	38.0	24	10															8					01-02
02 46	26.440	52.3	38.6	23	10															10					02-03
03 49	26.420	51.1	38.1	26	10	10	As	E150												10	7	.030			03-04
04 48	26.425	51.0	38.3	28	10															10					04-05
05 47	26.425	51.3	38.5	28	10															10					05-06
06 47	26.440	51.5	41.0	40	10	10	As	E120												10	3	.020			06-07
07 48	26.455	48.8	45.9	81	10															10					07-08
08 47	26.450	48.9	44.4	71	10															10					08-09
09 49	26.460	49.8	45.9	76	10	10	As	E90												10	0	.020			09-10
10 46	26.470	51.5	48.1	79	10															10					10-11
11 49	26.455	55.1	49.0	66	10															10					11-12
12 47	26.450	58.1	50.0	58	10	10	AC	E90												10	8	.010			12-13
13 47	26.450	56.5	50.2	66	10															10					13-14
14 50	26.460	54.5	49.2	70	10															10					14-15
15 50	26.470	53.1	49.1	76	10	10	CUFRA	E80												10	3	.020			15-16
16 49	26.450	51.8	49.1	83	10															10					16-17
17 45	26.465	49.8	47.9	88	10															10					17-18
18 50	26.490	49.4	47.7	89	10	10	CUFRA	E80												10	3	.020			18-19
19 50	26.500	48.8	47.5	91	10															10					19-20
20 48	26.515	50.0	47.3	83	10															10					20-21
21 47	26.520	49.8	46.3	78	10	7	CUFRA	E80	3	AS	E80	10								10	2	.030			21-22
22 48	26.540	49.6	46.1	78	10															10					22-23
23 49	26.560	48.8	46.0	82	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	52	50	X	X						X		
	0344	1	0	0	0	56	50		0								
	0943	2	.13	0	0	52	49		2								
	1543	3	.14	0	0	59	50		2								
	2140	4	.04	0	0	53	48		2								
	MID.	X	0	0	0	50	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.460	26.470	26.520
BAROGRAPH 64	26.410	26.450	26.460	26.520
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 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
59	48	.31	0	0	24	SW	1417*					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0602	0606			
R-	0627	0718			
R	0718	0725			
R-	0725	0917			
R	0917	0926			
R-	0926	2040			

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: 0510P ±2 Sec./ 2030P ±2 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK. NY

DATE: 1982 OCT 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	E80 OVC	15			132	49	43	10	05		996	114 1811	JK
SA	0148	E80 OVC	15			134	48	43	09	06		996		JK
SA	0245	E80 OVC	15			138	49	44	07	04		997	RR03	JK
SA	0351	E50 OVC	15		R-	141	48	42	06	03		998	30581 1811 47 20032	RD
—	—		—			—						—	RADAT 93080	—
SA	0450	E50 OVC	15		R-	149	48	45	05	03		000		RD
SA	0550	E50 BKN	15			155	48	45	03	04		002	RE22	RD
SA	0650	E55 BKN	20			166	47	44	05	03		004	20801 1500	RD
SA	0746	55 SCT 80 SCT	20			171	50	44	00	00		007		RD
SA	0846	55 SCT	20			173	53	41	05	10		008		RD
SA	0946	55 SCT	20			180	55	40	03	09		010	21701 1100 47	RD
SA	1047	55 SCT	20			181	57	39	05	08		010		RD
SA	1147	60 SCT	20			178	60	40	06	09		010		RD
SA	1248	60 SCT	20			169	62	39	06	11		008	807 1100	RD
SA	1346	60 SCT	20			165	62	36	06	10		007		RD
SA	1450	60 SCT	20			164	63	36	05	08		007		RD
SA	1548	80 SCT	20			164	63	36	11	05		007	603 1100 63 RADAT 21102	JK
SA	1647	CLR	20			171	59	40	10	10		008	CU NW	JK
SA	1748	CLR	20			176	58	40	09	10		009		JK
SA	1846	CLR	20			186	54	41	03	06		011	314	JK
SA	1947	CLR	20			188	53	40	06	11		012		JK
SA	2048	250 SCT	20			191	54	37	10	06		013		JK
SA	2148	250-OVC	20			193	54	35	06	05		014	210 1007 63	JK
SA	2245	250 SCT	20			193	53	34	05	11		014		JK
SA	2345	250 SCT	20			193	49	36	03	05		014		JK

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, NV

DATE: 1982 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	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	26.560	48.9	45.8	80	10	0	CU	60	10	SC	E80	10								10	1	.040			00-01
01 48	26.560	48.4	45.6	82	10															10					01-02
02 45	26.570	48.9	46.2	83	10															10					02-03
03 51	26.575	47.8	45.0	81	10	0	CU	45	10	SC	E50	10								10	3	.015			03-04
04 50	26.590	48.0	46.2	88	10															10					04-05
05 50	26.605	47.8	46.1	89	9															9					05-06
06 50	26.630	47.0	45.6	91	6	6	SC	E55												6	2	.035			06-07
07 46	26.650	50.1	46.9	80	3															3					07-08
08 46	26.660	52.8	46.8	65	2															2					08-09
09 46	26.680	54.7	47.2	58	2	2	CU	55												2	2	.050			09-10
10 47	26.680	56.9	48.0	53	2															2					10-11
11 47	26.680	59.6	49.1	48	2															2					11-12
12 48	26.660	61.9	49.7	42	2	2	CU	60												2	8	.020			12-13
13 46	26.650	61.8	48.5	37	2															2					13-14
14 50	26.650	62.5	49.0	37	2															2					14-15
15 48	26.650	63.0	49.0	36	2	2	CU	80												2	6	.010			15-16
16 47	26.660	59.1	49.1	49	0															0					16-17
17 48	26.670	57.5	48.3	52	0															0					17-18
18 46	26.690	54.2	47.4	61	0															0	3	.040			18-19
19 47	26.700	53.3	46.2	60	0															0					19-20
20 48	26.710	53.8	45.2	52	4															3					20-21
21 48	26.720	53.6	44.7	50	10	10	CS	250												4	2	.030			21-22
22 45	26.720	53.2	44.0	48	2															2					22-23
23 45	26.720	48.8	42.7	61	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 0343	X	.01	0	X	50	47	X	X						X		
	0343	1	.01	0	0	55	47		1								
	0940	2	.01	0	0	55	47		0								
	1545	3	0	0	0	63	55		0								
	2144	4	0	0	0	63	53		0								
	MID.	X	0	0	0	54	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.680	26.650	26.720
BAROGRAPH 64	26.560	26.670	26.650	26.710
BAR. CORR. 65	+.015	+.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
63	47	.02	0	0	16	N	1129					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0303	0522			

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: 0805 ±1 Sec./ 1810P ±1 Sec./ ± Sec.