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: MAY
YEAR: 1979

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 ~~Av. Sky TOTAL (Min.)~~ Av. Stn. Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	76	55	66			1	T			11.0	28	NE	26.300		1	RW	37	25	17	43
2	70	52	61		4		T			6.4	23	NW	26.430		9	T, RW	68	56	46	57
3	79	47	63		2					6.3	19	NE	26.596		3		73	23	16	31
4	84	50	67			2				6.9	28	SW	26.636		7		48	19	14	25
5	85	63	74			9				18.9	56	SW	26.395		7		21	8	6	25
6	75	53	64		1					13.5	30	SW	26.263		8		39	34	19	23
7	72	44	58		7		.01			14.9	36	NE	26.238		7	RW	31	25	19	60
8	58	43	51		14		.01			8.0	24	NW	26.299		9	RW	96	38	53	76
9	65	38	52		13		T			-	-	-	26.439		8	RW	94	34	36	80
10	71	40	56		9					-	-	-	26.653		2		77	36	26	30
11	81	56	69			4				6.6	17	NE	26.716		0		32	20	16	25
12	89	47	68			3				8.5	21	ESE	26.730		1		37	18	14	23
13	91	54	73			8				4.8	26	SE	26.638		0		35	17	16	25
14	90	51	71			6				6.6	28	S	26.548		0		23	8	4	13
15	90	55	73			8				9.2	37	S	26.495		1		21	14	7	12
16	87	56	72			7				6.2	25	SW	26.495		3		28	10	7	14
17	87	50	69			4				4.2	17	SW	26.553		0		24	12	8	19
18	93	55	74			9				7.3	25	SW	26.540		3		33	14	10	18
19	90	69	80			15				6.5	21	S	26.453		3		23	15	10	19
20	88	57	73			8				7.0	20	SW	26.483		0		43	26	17	32
21	90	60	75			10				8.1	17	W	26.598		0		57	34	18	34
22	94	60	77			12				7.5	27	SW	26.590		5		42	22	11	17
23	91	62	77			12				11.3	30	SW	26.555		9		26	10	9	16
24	86	65	76			11				6.7	28	E	26.524		9		30	19	8	25
25	88	66	77			12				8.6	27	E	26.553		5		35	26	16	27
26	92	61	77			12	T			4.5	30	NW	26.480		3	RW	45	23	18	26
27	92	65	79			14				10.7	30	SW	26.406		3		53	26	19	29
28	88	68	78			13				12.6	32	SW	26.393		4		35	17	13	20
29	83	60	72			7				9.4	30	NE	26.493		0		36	13	14	20
30	83	61	72			7				10.4	22	N	26.528		0		14	9	9	8
31	83	58	71			6				9.3	23	NE	26.605		4		17	11	7	13
SUM	2591	1721	—	—	50	200	.02	0	—	257.9	—	—	821.6	25	114	—	1256	662	503	885
AVG	83.6	55.5	—	—	—	—	—	—	—	8.1	FASTEST	DIRECTION	~~SUNSHINE~~	%	3.7	—	40.5	21.4	16.2	28.5
										MISC. →	56	SW	26.504			—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 69.5
DEPARTURE FROM NORMAL —
HIGHEST 94 ON 22
LOWEST 38 ON 9

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 10
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 50
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 3472
DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 200
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 218
DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .02 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST Daily .01 ON 7, 8

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) 7
CLOUDY (Scale 8–10) 6
WITH 0.01 INCH OR MORE PRECIP. 2
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16
RW = RAINSHOWER
T = THUNDER

MAXIMUM PRECIPITATION

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

Station Pressure
HIGHEST ~~SEA LEVEL~~ 26.500 IN. ON 12
LOWEST ~~SEA LEVEL~~ 26.160 IN. ON 7

|| For period 8 to 13 sky cover and weather from Yucca Flat observations; other entries from recorder charts at Desert Rock.

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
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 1

TO CONVERT LST TO GMT ADD 8 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	0045	250 - SCT	20			007	62	30	01	05		966	707 1004	WRG
SA	0145	250 - SCT	20			015	61	31	31	08		968		WRG
SA	0245	250 - SCT	20			015	59	32	35	06		968		WRG
SA	0350	E 280 BKN	20			025	58	32	25	17		970	214 1006 58 RADAT 50112	[illegible]
SA	0448	280 SCT	20			029	57	33	26	10		971		[illegible]
SA	0548	CLR	20			030	57	32	28	08		971		[illegible]
SA	0647	CLR	20			034	59	33	23	14		972	207 1400	[illegible]
SA	0751	CLR	20			034	63	33	25	15		972		[illegible]
SA	0846	CLR	20			034	64	31	24	14		972		[illegible]
SA	0947	CLR	20			029	67	30	23	13		971	803 1100 56	[illegible]
SA	1047	CLR	20			026	69	30	23	15		970	TCU NW-N	[illegible]
SA	1148	CLR	20			014	72	30	23	13	G28	967	CB DSNT N	[illegible]
SA	1252	CLR	20			005	74	27	24	12	G20	965	CB DSNT N / 820 1900	[illegible]
SA	1350	90 SCT	20			999	75	25	22	15	G20	962	TCU NW-NE	[illegible]
SA	1451	90 SCT	20			992	75	26	22	12	G20	960	TCU NW-NE	[illegible]
SA	1550	90 SCT	20			991	74	26	21	10	G18	959	TCU RWU DSNT N 717	
/	/	/	/			/	/	/	/	/	/	/	1200 76 RADAT 62105	WRG
SA	1650	90 SCT	20			988	73	25	20	10	G20	958	TCU RWU NW - N	WRG
SA	1750	E 90 BKN	20			992	71	28	21	12	G20	959	RWU NW THRU NE	WRG
SA	1850	E 90 BKN	20			001	64	34	04	16	G24	961	RWU W THRU NE	WRG
/	/	/	/			/	/	/	/	/	/	/	VIRGA OUTLD 307 1700	WRG
SA	1950	E 90 BKN	20			016	63	33	08	07		966	PRESRR VIRGA N	WRG
SA	2050	E 90 BKN	20		RW-	025	63	34	30	10		969	RB 36	WRG
SA	2145	E 90 BKN 230 BKN	20		RW-	033	60	37	09	12	G20	971	13000 1202 76	WRG
SA	2250	E 90 BKN 230 BKN	20			043	57	40	08	06		973	RE13	WRG
SA	2350	90 SCT E 230 BKN	20			045	55	42	09	05		974		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 1

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.280	62.1	46.7	30	5	5	CI	250												2	7	.020			00-01
01 45	26.300	60.8	46.3	32	4															2					01-02
02 45	26.300	59.3	46.1	36	3															1					02-03
03 50	26.320	58.0	45.5	37	7	7	CS	E280												5	2	.040			03-04
04 48	26.330	56.6	45.0	40	2															2					04-05
05 48	26.330	57.2	45.2	39	0															0					05-06
06 47	26.340	59.3	46.3	36	0	0	SC	90												0	2	.020			06-07
07 51	26.340	62.5	47.8	33	0															0					07-08
08 46	26.340	64.2	48.0	29	0															0					08-09
09 47	26.330	67.0	48.8	25	0	0	CU	90												0	8	.010			09-10
10 47	26.320	69.3	50.0	23	0															0					10-11
11 48	26.290	71.7	50.8	21	0															0					11-12
12 52	26.270	74.2	51.2	17	0	0	CB	90												0	8	.060			12-13
13 50	26.250	74.9	51.0	16	1															1					13-14
14 51	26.230	74.6	51.0	16	2															2					14-15
15 50	26.220	74.0	50.9	17	4	4	CU	90												4	7	.050			15-16
16 50	26.210	73.0	50.2	17	3															3					16-17
17 50	26.220	70.9	50.0	20	6															6					17-18
18 50	26.240	64.2	49.9	32	9	9	CUFRA	E90												9	3	.020			18-19
19 50	26.280	62.9	49.2	33	8															7					19-20
20 50	26.310	63.0	49.4	33	9															8					20-21
21 45	26.330	59.6	48.1	43	8	7	CU	E90	1	CI	230	8								7	1	.090			21-22
22 50	26.350	56.7	48.1	54	7															6					22-23
23 50	26.360	55.0	48.1	62	8															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		64	58										
	0346	1	0	0	0	70	58		0								
	1443	2	0	0	0	67	56		0								
	1546	3	0	0	0	76	67		0								
	2141	4	T	0	0	74	56		0								
	MID.		T	0	0	60	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.320	26.330	26.220	26.330
BAROGRAPH 64	26.300	26.330	26.215	26.325
BAR. CORR. 65	+.020	+.010	+.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 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
76	55	T	0	0	28*	NE	1852*					1	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2036	2213			

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 CORRECT 0650 - 2343

* Last of several occurrences

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEV.

DATE: MAY 2 1979

TO CONVERT LST TO GMT ADD 8 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)	SECTION CHIEF'S INITIALS (15)
SA	0050	90 SCT E 230 BKN	20			037	55	40	14	11		972	00300 1402	WRG
SA	0145	E 90 BKN 230 BKN	20			037	55	39	09	06		972		WRG
SA	0250	E 90 BKN 230 BKN	20			039	55	41	16	03		972		WRG
SA	0353	E 60 BKN 220 BKN	20			037	53	43	22	03		972	40000 1501 52 RADAT 85083	DS
SA	0449	E 60 BKN 120 OVC	20			041	53	43	23	04		973	VIRGA DSNT NW	DS
SA	0548	E 60 BKN 120 BKN 220 OVC	20			051	54	40	26	03		975	FEW B1NOVC	DS
SA	0649	E 60 BKN 120 BKN 220 OVC	20			057	55	41	36	08		976	314 1572	DS
SA	0748	E 50 BKN 100 OVC	20			066	56	42	36	08		979	FEW STFRA MTNS E-S	DS
SA	0848	30 SCT E 50 BKN 100 OVC	20		RW-	070	57	41	35	07		981	RB 35	DS
SA	0948	30 SCT E 65 BKN 120 OVC	20		RW-	076	59	43	03	09		982	RE08 B35/21700 1570 52	DS
SA	1048	30 SCT 65 SCT E 120 BKN	20			075	64	42	07	08		982	RE02 TCU NW AND NE	DS
SA	1148	65 SCT 120 SCT	20			071	66	39	04	08		981	CB W AND N MOVC S	DS
RS	1250	E 55 BKN 100 OVC	20		TRW-	077	63	43	25	04		982	TB 45 NE RB 33/50000 1960	DS
RS	1348	E 55 BKN 100 BKN	20			071	65	41	10	06		981	TE 42 RE12 CB AND RWU	DS
	—	—					—	—			—		NW-SE	/
SA	1450	E 60 BKN 100 OVC	20			069	63	43	11	14		980	CB AND RWU ALQDS	DS
SA	1550	E 55 BKN 90 OVC	20			074	65	44	12	10		981	CB AND RWU ALQDS RB02 E23	LEF
	—	—	—					—			—		50300 196/90 RADAT 77101	LEF
SA	1649	E 55 BKN 90 BKN	20			077	66	42	12	12		982	CB AND RWU ALQDS	LEF
SA	1750	55 SCT E 90 BKN	20			080	65	40	11	05		983	CB ALQDS RWU SW-NW	LEF
SA	1850	55 SCT E 90 BKN 230 OVC	20			093	61	43	21	02		987	CB VIRGA DSNT SW-NW	LEF
	—	—	—					—			—		217 1967	/
SA	1948	55 SCT 90 SCT 230-OVC	20			102	59	44	10	01		989		LEF
SA	2050	55 SCT E 90 BKN 230 OVC	20			120	61	44	03	07		985		LEF
SA	2150	55 SCT E 90 BKN 230 OVC	20			115	59	44	12	05		993	020 1477 70	LEF
SA	2249	90 SCT 230 SCT	20			122	55	44	33	05		996		LEF
SA	2350	90 SCT 230 SCT	20			123	56	45	04	05		996		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_0P_0P_0P_0$ 7RRRrs $8N_sCh$ h_s $9S_pS_ps_ps_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1970 MAY 2

To convert LST to GMT ADD 7 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	26.340	54.9	47.2	58	8	4	SC	90	4	CI	E230	8								6	0	.010			00-01
01 45	26.340	54.8	46.6	55	9															7					01-02
02 50	26.340	54.8	47.3	58	8															7					02-03
03 53	26.340	53.4	47.9	68	8	6	SC	E60	2	CI	220	8								7	4	.000			03-04
04 49	26.345	52.6	47.4	70	10															10					04-05
05 48	26.370	53.5	46.5	60	10															8					05-06
06 49	26.380	55.0	47.8	60	10	6	SC	E60	2	AC	120	8	2	CI	220	10				8	3	.040			06-07
07 48	26.400	55.7	48.2	59	10															10					07-08
08 48	26.415	56.8	48.5	56	10															9					08-09
09 48	26.430	58.5	50.0	56	10	4	SC	30	4	SC	E65	8	2	AC	120	10				9	2	.050			09-10
10 48	26.430	64.0	52.0	45	6															6					10-11
11 48	26.430	65.7	51.4	38	4	~~4~~	~~CB~~													4					11-12
12 50	26.430	63.0	52.0	48	10	9	CB	E55	1	AC	100	10								9	5	.000			12-13
13 48	26.420	65.4	52.2	41	8															8					13-14
14 50	26.410	63.0	52.0	48	10															10					14-15
15 50	26.420	65.0	53.0	46	10	8	CB	E55	2	AC	90	10								10	5	.010			15-16
16 49	26.430	65.5	52.5	42	8															8					16-17
17 50	26.440	64.8	51.3	41	8															8					17-18
18 50	26.470	60.9	50.9	51	10	4	CB	55	3	AC	E90	7	3	CI	230	10				6	2	.050			18-19
19 48	26.490	59.4	50.7	56	10															5					19-20
20 50	26.545	61.4	50.9	54	10															7					20-21
21 50	26.530	59.4	50.9	57	10	3	SC	55	4	AC	E90	7	3	CI	230	10				8	0	.060			21-22
22 49	26.550	55.0	49.0	66	4															3					22-23
23 50	26.555	56.3	49.8	65	5															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	55	52	X	X						X		
	0344	1	T	0	0	60	52		0								
	0943	2	T	0	0	59	52		0								
	1545	3	T	0	0	70	58		0								
	2145	4	0	0	0	66	58		0								
	MID.	X	0	0	0	60	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.430	26.420	26.530
BAROGRAPH 64	26.335	26.430	26.420	26.530
BAR. CORR. 65	+.005	±0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	52	T	0	0	23	NW	1221					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	0835	0908			
RW-	0935	1002			
RW-	1233	1312			
T	1248	1302			
RW-	1502	1523			

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: 0910P - CLOCK ON TIME 2021P ON TIME

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION WSMO, DESERT ROCK, NV

DATE 1979 MAY 3

TO CONVERT LST TO GMT ADD 8 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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER'S INITIALS (15)
SA	0049	CLR	20			122	56	38	12	02		996	007 1075	LEF
SA	0150	CLR	20			126	50	43	13	01		996		LEF
SA	0249	CLR	20			135	49	43	07	04		997		LEF
SA	0350	CLR	20			131	51	42	14	03		997	207 47 RADAT 50101	US
SA	0449	CLR	20			131	56	38	04	05		998	FEW AC AND CI W	US
SA	0548	300 - SCT	20			136	57	40	03	03		999		US
SA	0648	350 - BKN	20			141	61	37	05	03		001	212 1006	US
SA	0748	300 - BKN	20			143	64	35	04	10G	16	002		US
SA	0849	300 - BKN	20			140	66	35	05	11G	17	002		US
SA	0948	300 - BKN	20			144	69	29	05	13		003	105 1001 47	US
SA	1048	300 - BKN	20			143	70	29	03	10		002	FEW CU W	US
SA	1147	300 - SCT	20			140	71	28	06	09		002	CU W	US
SA	1246	CLR	20			136	74	28	31	03		001	807 1101	US
SA	1347	CLR	20			129	77	27	00	00		998		US
SA	1446	CLR	20			126	76	29	23	08		997		US
SA	1550	CLR	20			125	78	27	10	08		998	610 1101 79 RADAT 53106	LEF
SA	1650	CLR	20			124	77	24	12	09		998		LEF
SA	1749	CLR	20			125	76	27	11	07		998		LEF
SA	1848	CLR	20			130	72	32	10	08		000	307 1001	LEF
SA	1950	CLR	20			135	68	32	11	07		001		LEF
SA	2047	CLR	20			142	68	32	12	08		004		LEF
SA	2150	CLR	20			145	63	31	11	11		004	112 79	LEF
SA	2250	CLR	20			151	62	31	24	04		006		LEF
SA	2350	CLR	20			155	57	31	09	04		007		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 3

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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.
0049	26.550	56.3	47.0	48	0	0	AC	90	0	Ci	230	0								0	0	020			00-01
0150	26.555	49.6	46.3	79	0															0					01-02
0249	26.560	49.0	45.6	78	0															0					02-03
0350	26.570	51.0	46.6	73	0															0	2	020			03-04
0449	26.580	56.0	46.9	51	0															0					04-05
0548	26.590	56.7	48.0	54	3															0					05-06
0648	26.605	61.0	48.8	41	8	8	Ci	350												0	2	.035			06-07
0748	26.610	63.9	49.2	34	9															1					07-08
0849	26.610	66.0	50.0	31	8															1					08-09
0948	26.620	68.5	49.3	23	7	7	Ci	300												2	1	015			09-10
1048	26.615	70.4	50.1	21	8															2					10-11
1147	26.610	71.2	50.5	20	4															1					11-12
1246	26.600	73.8	51.3	18	0	0	Cu	90	0	Ci	300	0								0	8	020			12-13
1347	26.580	77.0	52.3	16	0															0					13-14
1446	26.570	76.2	52.5	18	0															0					14-15
1550	26.570	77.6	52.6	16	0	0	Cu	90	0	Ci	300	0								0	6	030			15-16
1650	26.570	77.0	51.7	14	0															0					16-17
1749	26.575	75.6	51.6	17	0															0					17-18
1848	26.590	71.8	51.6	23	0	0	Ci	300	0											0	3	020			18-19
1950	26.600	67.9	50.0	26	0															0					19-20
2047	26.625	67.8	50.0	27	0															0					20-21
2150	26.625	62.6	47.4	31	0															0	1	035			21-22
2250	26.645	62.4	47.2	31	0															0					22-23
2350	26.650	57.3	45.0	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	57	47	X	X						X		
	0344	1	0	0	0	60	47		0								
	0944	2	0	0	0	72	50		0								
	1545	3	0	0	0	79	69		0								
	2145	4	0	0	0	78	62		0								
	MID.	X	0	0	0	63	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.570	26.625
BAROGRAPH 64	26.565	26.626*	26.575	26.625
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
79	47	0	0	0	19	NE	0926					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: 1103 P CLOCK 1 SECOND FAST 2345 1 SEC. FAST

* BAROGRAPH CHART CHANGED - SET TO ZERO CORRECTION 1005 P

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV
DATE: 1979 MAY 4
TO CONVERT LST TO GMT ADD 8 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)	SEQUENCE INITIALS (15)
SA	0050	CLR	20			155	56	25	35	06		007	108 1001	LEF
SA	0149	CLR	20			160	55	31	03	05		008		LEF
SA	0250	CLR	20			157	54	32	06	01		008		LEF
SA	0349	CLR	20			161	52	33	03	01		008	307 1001 51 RADAT 32124	DS
SA	0449	350 - SCT	20			167	51	34	02	03		010		DS
SA	0552	350 - SCT	20			170	55	38	32	02		011		DS
SA	0648	300 - SCT	20			172	61	35	00	00		012	210 1006	DS
SA	0748	300 - BKN	20			171	67	34	34	04		012	DNS SCT NW	DS
SA	0848	250 - SCT	20			169	72	34	00	00		012		DS
SA	0949	220 SCT	20			167	77	32	24	05		012	802 1002 50	DS
SA	1049	E 220 BKN	20			160	80	30	23	12G	18	010		DS
SA	1150	E 200 BKN	20			150	81	31	22	14G	22	006		DS
SA	1248	E 200 BKN	20			142	82	30	20	17G	24	004	722 1002	DS
SA	1348	E 200 BKN	20			137	83	32	22	15G	21	003		DS
SA	1445	E 200 BKN	20			131	82	32	21	14		001		DS
SA	1550	E 220 OVC	20			133	82	29	21	12G	22	001	610 1007 84 RADAT 22137	LEF
SA	1650	E 220 OVC	20			133	81	29	21	12		000		LEF
SA	1750	E 220 OVC	20			130	79	29	20	09		000		LEF
SA	1849	E 220 OVC	20			126	75	29	18	08		999	705 1007	LEF
SA	1948	E 220 OVC	20			125	72	27	11	06		999		LEF
SA	2050	E 220 OVC	20			124	70	31	09	03		999		LEF
SA	2150	E 220 OVC	20			120	68	32	11	06		999	802 1007 84	LEF
SA	2250	E 220 OVC	20			120	66	30	26	02		999		LEF
SA	2350	E 220 OVC	20			117	68	31	19	08		999		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: YUMA, DESERT ROCK, NV

DATE: 1979 MAY 4

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.650	55.6	42.2	30	0	0	Ci	300												0	1	025			00-01
01 49	26.655	55.0	43.8	40	0															0					01-02
02 50	26.655	54.2	43.8	43	0															0					02-03
03 49	26.670	51.9	42.9	48	0	0	Ci	300												0	3	020			03-04
04 49	26.680	50.6	42.8	53	3															0					04-05
05 52	26.690	55.0	46.4	53	3															0					05-06
06 48	26.700	61.2	48.0	37	5	5	Ci	300												0	2	030			06-07
07 48	26.700	66.7	50.0	29	7															1					07-08
08 48	26.700	71.7	52.0	25	5															2					08-09
09 49	26.695	76.8	53.5	19	3	3	Ci	220												2	8	005			09-10
10 47	26.680	79.8	54.2	16	7															4					10-11
11 50	26.650	81.2	55.0	16	8															5					11-12
12 48	26.630	82.3	55.3	15	9	9	Ci	E200												6	7	065			12-13
13 48	26.615	83.3	56.0	15	8															5					13-14
14 45	26.600	82.0	55.5	16	9															6					14-15
15 50	26.600	82.2	54.8	14	10	10	Cu	E220												7	6	030			15-16
16 50	26.595	80.8	54.5	15	10															7					16-17
17 50	26.590	78.5	53.5	16	10															6					17-18
18 49	26.585	75.0	51.9	18	10	10	Cu	E220												7	7	015			18-19
19 48	26.585	72.0	50.2	18	10															8					19-20
20 50	26.585	70.3	50.7	23	10															7					20-21
21 50	26.580	68.2	49.9	25	10	10	Cu	E220												7	8	005			21-22
22 50	26.580	66.0	48.5	26	10															7					22-23
23 50	26.580	67.7	49.5	25	10															8					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	57	51	X	X						X		
	0343	1	0	0	0	63	51		0								
	0942	2	0	0	0	77	50		0								
	1549	3	0	0	0	84	77		0								
	2145	4	0	0	0	82	68		0								
	MID.	X	0	0	0	72	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.695	26.600	26.580
BAROGRAPH 64	26.665	26.690	26.600	26.575
BAR. CORR. 65	+005	+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 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
87	50	0	0	0	29	SW	1152					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1217 P CLOCK 1 SECOND FAST 2323 1 SEC FAST

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1979 MAY 5
TO CONVERT LST TO GMT ADD 8 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	E 220 OVC	20			110	67	33	18	07		997	807 1007	LEF
SA	0150	E 220 OVC	20			106	67	28	17	07		996		LEF
SA	0250	E 220 OVC	20			105	66	25	15	05		996		LEF
SA	0348	280 - SCT	20			098	66	25	18	08		993	712 1001 63 RADAT 20142	DS
SA	0450	280 - SCT	20			088	65	27	23	06		989		DS
SA	0548	280 - BKN	20			086	66	32	19	06		988		DS
SA	0648	250 - OVC	20			086	71	28	23	16		988	612 1007	DS
SA	0749	250 - OVC	20			080	75	23	22	156	27	987		DS
SA	0849	250 - OVC	20			077	77	10	19	206	30	986	~~PK WND 22 HRS~~	DS
SA	0948	220 - OVC	20			077	79	13	20	23 G 36		986	607 1007 63 PK WND 2036/43	DS
SA	1050	220 - OVC	20			063	80	7	20	26 G 37		982	ACSL SE PK WND 2037/45	DS
SA	1148	220 - BKN	20			049	80	6	20	24 G 38		979	ACSL SE PK WND 2142/30	DS
SA	1249	220 - BKN	20			038	82	15	20	24 G 37		975	734 1041 PK WND 2045/09	DS
SA	1347	220 - BKN	20			030	83	14	21	23 G 42		973	PK WND 2142/44	DS
SA	1447	220 - BKN	20			023	84	16	21	21 G 33		971	PK WND 2142/08	DS
SA	1550	220 SCT	20			005	82	8	24	28 G 56		966	ACSL SE AND SW	LEF
—													PK WND 2456/43	—
—													730 1045 85 RADAT 34147	—
SA	1648	CLR	20			060	80	18	23	30 G 44		964	ACSL SE-SW PK WND	LEF
—													2448/01	—
SA	1750	CLR	20			993	77	18	24	30 G 44		962	ACSL SE PK WND 2450/20	LEF
SA	1849	CLR	20			000	73	20	24	26 G 38		963	ACSL SE AND W	LEF
—													PK WND 2440/20	—
—													507 1040	—
SA	1950	CLR	20			000	70	24	24	24 G 43		964	PK WND 2443/41	LEF
SA	2050	CLR	20			010	67	23	24	23 G 33		965		LEF
SA	2150	CLR	20			017	65	28	24	24 G 36		969	PK WND 2236/46 115 1001	LEF
SA	2250	220 - SCT	20			005	65	29	21	22 G 32		966		LEF
SA	2350	220 - SCT	20			993	64	28	23	16 G 25		963		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 5

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.560	67.4	50.0	28	10	10	CU	E220												7	8	020			00-01
01 50	26.550	67.0	48.4	23	10															6					01-02
02 50	26.540	65.7	47.0	21	10															6					02-03
03 48	26.525	66.0	47.0	21	4	4	CI	280												2	7	.035			03-04
04 ~~50~~	26.495	65.1	47.2	23	4															2					04-05
05 48	26.490	66.1	49.3	28	9															2					05-06
06 48	26.490	71.3	50.1	20	10	10	CS	250												2	6	035			06-07
07 49	26.480	75.4	51.8	14	10															2					07-08
08 49	26.470	77.3	49.3	8	10															4					08-09
09 48	26.470	78.8	50.3	8	10	10	CS	220												5	6	020			09-10
10 50	26.430	80.0	50.0	6	10															5					10-11
11 48	26.395	80.4	50.1	6	9															3					11-12
12 49	26.370	82.2	52.1	8	9	0	AC	180	9	CI	220	9								3	7	100			12-13
13 47	26.350	82.9	52.2	7	8															3					13-14
14 47	26.330	83.5	52.7	8	8															3					14-15
15 50	26.280	82.3	52.0	6	4	0	AC	180	4	CI	220	4								3	7	090			15-16
16 48	26.265	80.0	51.7	10	0															0					16-17
17 50	26.245	76.8	49.8	11	0															0					17-18
18 49	26.260	72.8	49.0	14	0	0	AC	180												0	5	020			18-19
19 50	26.265	70.2	48.7	17	0															0					19-20
20 50	26.295	67.3	47.3	19	0															0					20-21
21 50	26.305	65.4	47.7	25	0	0	CI	220												0	1	045			21-22
22 50	26.280	65.0	47.7	26	2															0					22-23
23 50	26.255	63.8	47.0	26	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	70	63	X	X						X		
	0342	1	0	0	0	72	63		0								
	0942	2	0	0	0	80	64		0								
	1545	3	0	0	0	85	79		0								
	2145	4	0	0	0	82	65		0								
	MID.	X	0	0	0	65	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0342	0942	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.470	26.280	26.305
BAROGRAPH 64	26.520	26.470	26.270	26.290
BAR. CORR. 65	+005	±0	+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
85	63	0	0	0	56	SW	1543					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: 1211P Clock 15SEC. SLOW 2131P ON TIME

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 6

TO CONVERT LST TO GMT ADD 8 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	220 -SCT	20			997	63	26	24	16		963	617 1006	LEF
SA	0150	220 -SCT	20			001	62	27	22	06		964		LEF
SA	0250	220 - BKN	20			000	61	28	24	08		963		LEF
SA	0350	220 - BKN	20			002	57	32	25	10		963	002 1006 57 RADAT 25121	LEF
SA	0450	200 - BKN	20			018	56	34	08	02		968		008
SA	0545	200 - BKN	20			019	58	35	25	13		968		008
SA	0644	200 - BKN	20			020	61	35	24	15		968	114 1001	008
SA	0747	200 - BKN	20			024	62	39	24	14		969		008
SA	0846	200 - BKN	20			028	65	37	24	16		970		008
SA	0946	200 - BKN	20			028	66	37	23	21	G29	970	107 1001 53	008
SA	1047	200 - BKN	20			028	67	37	24	21	G28	970		008
SA	1149	200 - BKN	20			019	71	36	23	20	G26	968		008
SA	1247	200 - BKN	20			015	71	33	22	16	G24	967	810 1001	008
SA	1348	200 - BKN	20			011	72	33	22	17	G22	965		008
SA	1447	200 - BKN	20			003	74	31	23	15	G23	963		008
SA	1548	250 - BKN	20			995	73	28	23	15		960	820 1101 75 RADAT 35114	HS
SA	1647	250 - BKN	20			992	72	28	22	14	G22	959	CW NW	HS
SA	1747	250 - BKN	20			994	71	25	21	11		960	CW NW	HS
SA	1848	250 - BKN	20			994	68	24	21	12		960	602 1101	HS
SA	1948	250 - SCT	20			995	66	21	22	10	G19	960		HS
SA	2049	250 - SCT	20			999	62	23	24	16		961		HS
SA	2150	250 - BKN	20			999	61	23	27	11		961	105 1006 75	HS
SA	2248	250 - BKN	20			997	60	24	26	14		961		HS
SA	2350	250 - BKN	20			995	58	23	27	11		960		HS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: NOAO, DESERT ROCK NM
DATE: 1979 MAY 6
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.255	62.8	45.8	24	3	3	ci	220												0	6	050			00-01
01 50	26.265	61.5	45.5	26	4															1					01-02
02 50	26.260	60.5	45.5	29	6															1					02-03
03 50	26.260	56.8	45.0	39	6	6	ci	220												2	0	005			03-04
04 50	26.300	55.8	44.8	44	6															2					04-05
05 45	26.300	57.5	46.3	43	6															2					05-06
06 44	26.300	60.7	47.7	38	6	6	ci	200												2	1	.040			06-07
07 47	26.310	61.5	49.5	43	7															2					07-08
08 46	26.320	65.0	50.3	37	8															3					08-09
09 46	26.320	66.1	50.9	34	9	9	ci	200												3	1	.020			09-10
10 47	26.320	69.3	51.3	33	9															3					10-11
11 49	26.300	70.6	52.4	28	9															3					11-12
12 47	26.290	71.0	51.6	25	9	9	ci	200												3	8	.030			12-13
13 48	26.280	72.3	52.1	24	9															3					13-14
14 47	26.260	74.4	52.4	20	8															3					14-15
15 48	26.230	73.2	51.0	19	8	0	Cu	80	8	Ci	250	8								3	8	.060			15-16
16 47	26.220	72.1	50.6	20	8															3					16-17
17 47	26.225	70.9	49.3	18	9															3					17-18
18 48	26.225	67.5	47.6	19	7	0	Cu	80	7	Ci	250	7								2	6	.005			18-19
19 48	26.230	65.8	46.0	18	3															1					19-20
20 49	26.240	62.4	45.0	22	4															1					20-21
21 50	26.240	61.4	44.5	23	6	6	Ci	250												1	1	.015			21-22
22 48	26.235	59.7	43.8	25	6															1					22-23
23 50	26.230	58.1	43.0	26	7															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	64	57	X	X						X		
	0345	1	0	0	0	65	57		0								
	0942	2	0	0	0	68	53		0								
	1543	3	0	0	0	75	62		0								
	2145	4	0	0	0	74	60		0								
	MID.	X	0	0	0	61	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.260	26.320	26.230	26.240
BAROGRAPH 64	26.250	26.305	26.220	26.220
BAR. CORR. 65	+010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	53	0	0	0	30	SW	1054					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK: 1215P - OK / 1235P - OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 7

TO CONVERT LST TO GMT ADD 8 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	0051	250 - BKN	20			996	57	22	25	14		960	603 1006	HS
SA	0145	250 - BKN	20			996	56	23	24	14		960		HS
SA	0245	250 - BKN	20			995	55	23	25	13		960		HS
SA	0344	250 - BKN	20			996	54	24	31	12		960	400 1001 53 RADAT 36103	008
SA	0446	250 - BKN	20			997	52	25	32	13		960		008
SA	0544	250 - BKN	20			996	54	25	30	14		960		008
SA	0645	250 - BKN	20			004	58	25	23	16		962	307 1001	008
SA	0746	250 - BKN	20			011	61	26	23	17	G23	964		008
SA	0847	250 - BKN	20			020	61	27	23	15	G20	967		008
SA	0946	250 - SCT	20			011	64	27	22	17	G25	964	007 1001 51	008
SA	1046	250 - SCT	20			009	64	30	23	20	G28	963		008
SA	1145	250 - SCT	20			001	67	28	23	18	G25	961		008
SA	1245	250 - SCT	20			996	68	29	23	10	G22	960	714 1001	008
SA	1347	80 SCT 200 SCT E250 BKN	20			986	69	27	19	16	G24	957		008
SA	1444	80 SCT 200 SCT E250 BKN	20			981	70	27	21	17	G26	956		008
SA	1548	80 SCT E250 BKN	20			976	69	25	20	18	G28	954	720 1102 72 RADAT 56096	HS
SA	1645	80 SCT 250 - BKN	20			973	68	27	24	17	G24	952		HS
SA	1747	80 SCT 250 SCT	20			985	65	25	21	12	G21	956		HS
RS SA	1847	80 SCT E250 BKN	20			987	59	27	06	10	G19	956	307 1102 WSHFT 27	HS
SA	1945	E80 BKN 250 BKN	20			996	58	24	04	12	G28	959		HS
SA	2051	E80 BKN 250 ~~BKN~~ OVC	20			021	53	31	06	21	G36	962	PK WND 0636/47	HS
SA	2148	E80 OVC	20		RW-	023	49	36	06	17	G29	966	RB38 2300015 // 72	HS
SA	2247	E60 BKN 250 OVC	20		RW-	034	48	35	05	10		969		HS
SA	2351	E60 BKN 250 OVC	20		RW-	039	45	38	07	14		970		HS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 7

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.230	56.6	42.0	26	6	6	Ci	250												1	6	.010			00-01
01 45	26.230	56.0	41.9	28	7															1					01-02
02 45	26.230	54.6	41.3	30	6															1					02-03
03 44	26.230	53.6	40.8	31	6	6	ci	250												1	4	.000			03-04
04 46	26.230	52.2	40.4	34	6															2					04-05
05 44	26.230	54.0	41.4	32	6															2					05-06
06 45	26.250	57.6	43.1	28	8	8	ci	250												3	3	.020			06-07
07 46	26.270	60.6	45.0	27	8															3					07-08
08 47	26.290	61.3	45.4	27	8															2					08-09
09 46	26.270	63.6	46.5	25	5	5	ci	250												2	0	.020			09-10
10 46	26.260	64.0	47.5	27	5															2					10-11
11 45	26.240	67.0	48.5	23	5															2					11-12
12 45	26.230	68.1	49.0	23	5	5	ci	250												2	7	.040			12-13
13 47	26.200	69.3	49.2	21	8															6					13-14
14 44	26.190	70.2	49.6	20	8															6					14-15
15 48	26.170	68.6	48.2	19	9	4	Cu	80	5	Ci	E250	9								6	7	.060			15-16
16 45	26.160	67.9	48.4	21	9															4					16-17
17 47	26.190	65.0	46.7	22	5															4					17-18
18 47	26.190	58.7	44.3	30	8	5	Cu	80	3	Ci	E250	8								6	3	.020			18-19
19 45	26.220	58.0	43.2	27	9															7					19-20
20 51	26.250	52.6	42.5	43	10															8					20-21
21 48	26.280	49.2	42.7	60	10	10	Sc	E80												10	2	.090			21-22
22 47	26.310	48.4	42.0	60	10															10					22-23
23 51	26.320	45.0	41.4	75	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	58	53	X	X						X		
	0340	1	0	0	0	61	53		0								
	0941	2	0	0	0	65	51		0								
	1543	3	0	0	0	72	61		0								
	2143	4	T	0	0	71	48		0								
	MID.	X	.01	0	0	50	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.230	26.270	26.170	26.280
BAROGRAPH 64	26.210	26.260	26.140	26.250
BAR. CORR. 65	+.020	+.010	+.030	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	44	.01	0	0	36	NE	2047					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2138	CONT.			

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: 1010 PST - ON TIME / 2358 P - OK

X CHANGED BAROGRAM 1000 P.S.T. RESET TO ±0 COR.

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 8

TO CONVERT LST TO GMT ADD 8 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)	SERVICE INITIALS (15)
SA	0047	E60 BKN 150 OVC	20			034	46	34	06	08		969	RE30 01001 1571	HS
SA	0147	E60 BKN 150 OVC	20			037	46	36	07	11		970		HS
SA	0245	E60 BKN 150 OVC	20			033	45	36	10	10		969		HS
SA	0349	E40 BKN 120 OVC	20			035	44	32	04	09		969	00001 146/ 42 20001	[illegible]
													RADAT 73059	

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-108 (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 8

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.310	46.0	40.4	63	10	7	SC	E60	3	AC	150	10								10	0	.030			00-01
01 47	26.320	45.6	40.8	68	10															10					01-02
02 45	26.310	45.2	40.9	71	10															10					02-03
03 49	26.310	44.2	38.8	63	10	7	SC	E40	3	AC	120	10								10	0	.000			03-04
04																									04-05
05																									05-06
06																									06-07
07																									07-08
08																									08-09
09																									09-10
10																									10-11
11																									11-12
12																									12-13
13																									13-14
14																									14-15
15																									15-16
16																									16-17
17																									17-18
18																									18-19
19																									19-20
20																									20-21
21																									21-22
22																									22-23
23																									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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	T	0	X	47	42	X	X						X		
	0345	1	.01	0	0	50	42		0								
		2															
		3															
		4															
	MID.	X						X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348			
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310			
BAROGRAPH 64	26.295			
BAR. CORR. 65	+.025			

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

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

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	Cont'd	0030			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0300 P.S.T. - OK

STATION TEMPORARILY CLOSED PER ORDERS D.O.E.
0400PST WILL REOPEN 5/14/79

MF1-108

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-75)

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

STATION WSMO YUCCA FLAT, NEVADA

DATE MAY 8 1979

TO CONVERT LST TO GMT ADD 2 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	0045	E 50 BKN 90 OVC	20			011	43	34	02	136	19	965	003 1721	DS
SA	0149	E 50 BKN 90 OVC	20			010	42	31	03	04		965	RB20E30	DS
SA	0248	E 50 BKN 90 OVC	20			012	43	28	35	04		965		DS
SA	0349	E 50 BKN 90 OVC	20			011	41	31	04	09		964	80300 1520 40	DS
SA	0447	30 SCT E 50 BKN 90 OVC	20			017	40	32	19	07		964	BINOVC N	DS
SA	0549	E 50 BKN 120 BKN 200 BKN	20			021	40	29	31	02		965		DS
SA	0648	50 SCT E 120 BKN 220 BKN	20			024	45	26	02	04		966	307 1571	DS
SA	0752	50 SCT E120 BKN 220 BKN	20			024	48	25	12	07		966		CRD
SA	0845	50 SCT E120 BKN 220 BKN	20			025	48	21	16	02		966		00$
~~SA~~ RS	0944	50 SCT E 100 BKN 200 BKN	10		RW-	023	46	28	29	05		965	RB38 / 80300 1462 39	00$
SA	1046	40 SCT E 100 BKN 200 OVC	10		RW-	025	46	25	07	14		965	BINOVC	00$
RS	1147	40 SCT E 100 BKN 200 OVC	15			017	51	22	05	11		964	BINOVC/RE40	00$
SA	1249	40 SCT E 100 BKN 200 OVC	15			018	51	23	31	13 G	18	964	BINOVC / 70300 1742	00$
SA	1349	40 SCT E 100 BKN 200 BKN	15			019	52	27	30	11 G	20	964	RWU N	00$
SA	1446	E40 BKN 100 BKN 200 OVC	10			015	50	24	02	14 G	34	963	BINOVC / RWU NW-SE	00$
SA	1554	E40 BKN 100 BKN	10			030	48	27	33	07		966	30700 1770 52 RADAT 61062	HS
SA	1647	40 SCT E 200 BKN	20			030	49	25	34	05		966	HVY CU ALQDS	HS
SA	1749	40 SCT E 200 BKN	20			039	45	30	36	10	G24	969	RWU N-E ~~PK WND~~	HS
SA	1849	40 SCT E100 BKN 250 BKN	20			041	45	32	07	04		970	110 1272	HS
SA	1952	40 SCT 100 SCT	20			048	42	33	34	04		972		HS
SA	2048	100 SCT 250 - SCT	20			057	43	34	08	08		975		HS
SA	2147	100 SCT 250 - BKN	20			060	40	33	31	02		974	014 1071 52	HS
SA	2250	100 SCT 250 - BKN	20			060	38	31	35	02		974		HS
SA	2347	100 SCT 250 - SCT	20			060	37	30	27	02		975		HS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

☆ U. S. Government Printing Office: 1975—665-661/1093 Region No. 6

FM11D: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

MF1-10B
(9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE 1979 MAY 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	25.680	42.7	38.8	72	10	8	SC	E50	2	AS	90	10								10	0	.010			00-01
01 49	25.680	42.3	37.2	63	10															10					01-02
02 48	25.680	42.5	36.5	57	10															10					02-03
03 49	25.670	41.1	36.6	66	10	7	SC	E50	3	AS	90	10								9	8	.010			03-04
04 47	25.670	40.0	36.5	73	10															9					04-05
05 49	25.680	40.4	35.6	64	8															6					05-06
06 48	25.690	44.5	36.8	48	8	3	SC	50	4	AC	E120	7	1	CI	220	8				6	3	.020			06-07
07 52	25.690	47.8	38.2	40	8															8					07-08
08 45	25.690	47.9	37.2	34	8															8					08-09
09 44	25.680	46.0	38.2	49	8	4	SC	50	2	AC	E100	6	2	CI	200	8				8	8	.010			09-10
10 46	25.680	46.4	37.4	42	10															10					10-11
11 47	25.670	50.9	39.2	32	10															10					11-12
12 49	25.670	51.3	38.6	33	10	3	CUFRA	40	4	AC	E100	7	3	CI	200	10				10	7	.010			12-13
13 49	25.670	51.9	41.0	38	9															9					13-14
14 46	25.660	50.3	39.3	36	10															10					14-15
15 54	25.690	48.0	39.1	45	9	6	CUFRA	E40	3	AC	100	9								9	3	.020			15-16
16 47	25.690	49.3	39.0	38	8															8					16-17
17 49	25.710	45.3	38.7	56	8															8					17-18
18 49	25.720	45.3	39.2	59	9	4	CU	40	3	AC	E100	7	2	CI	250	9				7	1	.030			18-19
19 52	25.740	42.6	38.4	70	5															5					19-20
20 48	25.765	43.0	38.4	70	5															5					20-21
21 47	25.760	39.7	36.9	78	8	2	AC	100	6	C.	250	8								4	0	.040			21-22
22 50	25.760	38.2	35.3	76	7															3					22-23
23 47	25.765	37.0	34.1	76	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	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s	SURF P_s	SURF H_s D_s	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	T	0	X	45	40		X	X	X	X	X	X	X	X	X		
	0342	1	T	0	0	47	40		0										
	0940	2	T	0	0	49	39		0										
	1550	3	T	0	0	52	44		0										
	2144	4	0	0	0	50	39		0										
	MID.	X	0	0	0	40	36		X	X	X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0342	0943	1553	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	25.670	25.680	25.690	25.760
BAROGRAPH 64	25.660	25.670	25.680	25.750
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNALTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
52	36	T	0	0	34	N	1442					9	8		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
RW-	0120	0130			
RW-	0938	1140			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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

MAXIMUM PRECIPITATION

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

TIME CHECK: 1255 P - ON TIME / 2355 - OK

1300 P.S.T. CHANGED BAROGRAM RESET TO I.O COR.

STATION OPENED TEMPORARILY PER ORDERS DOE

MAX AND MIN TEMPS AT 0342 COL 47-48 TAKEN FROM HYGROTHERMOGRAPH

MF1-10B

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-782-20

MF1-10A
(10-75)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, [redacted]

DATE: 79 MAY 9

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)	OBS. SERVER'S INITIALS (15)
SA	0051	250 SCT	20			058	37	26	30	05		974	000 1005	HS
SA	0150	250 - SCT	20			059	38	25	35	06		975		HS
SA	0245	250 - SCT	20			060	38	25	31	05		975		HS
SA	0347	250 - SCT	20			062	36	26	31	06		975	102 1001 34 RADAT 59063	[illegible]
SA	0447	250 - SCT	20			060	35	24	32	10		975		[illegible]
SA	0548	250 - SCT	20			067	43	24	32	06		977		[illegible]
SA	0645	250 - BKN	20			066	48	23	01	11		978	308 1001	[illegible]
SA	0745	250 - BKN	20			066	50	20	32	10		978	CU N	[illegible]
SA	0845	80 SCT 250 - BKN	20			071	53	18	01	10 G23		980		[illegible]
SA	0947	90 SCT 250 SCT	20			072	55	19	36	09		980	207 1101 384	[illegible]
SA	1045	E90 BKN 250 BKN	20			069	56	16	36	07 G20		979		[illegible]
SA	1146	E70 BKN 250 BKN	20			062	59	16	30	14 G19		977	RWU N-E	[illegible]
SA	1244	E80 BKN	20			057	60	13	31	16 G23		976	RWU N-SE/712 1200	[illegible]
RS	1344	E40 BKN 80 OVC	10		RW-	067	54	25	36	23 G33		978	RB40	[illegible]
RS	1443	E50 BKN 120 BKN 150 OVC	10			067	57	24	01	09 G16		979	BINOVC/RE38	[illegible]
SA	1549	E50 BKN 120 OVC	10			080	54	32	33	14		981	HUY CU RWU ALQDS	/
/													31500 1271 61 RADAT 51081	HS
SA	1650	E50 BKN 120 OVC	10		RW-	085	53	31	06	17 G26		983	HUY CU ALQDS BD ERB46	HS
SA	1747	50 SCT E120 OVC	10			099	48	36	36	11		987	RE15 RWU NW	HS
SA	1851	50 SCT E120 OVC	20			112	45	35	31	06		991	33000 1271 PK WND	HS
/													3440/1758 RD01E06	/
SA	1947	50 SCT 120 SCT	20			122	44	37	32	07		994		HS
SA	2048	120 SCT	20			127	42	34	05	06		996		HS
SA	2147	CLR	20			133	38	34	33	07		997	11700 1030 61	HS
SA	2248	CLR	20			141	36	31	36	04		999		HS
SA	2347	CLR	20			144	36	32	32	03		001		HS

FM11D: Iiiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR$_{ts}$ $8N_sCh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

☆ U. S. Government Printing Office: 1975—665-661/1093 Region No. 6

MF1-10B
(9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, ~~NEVADA~~

DATE: 1979 MAY 9

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	25.760	37.0	32.5	63	2	2	Ci	250												2	0	.000			00-01
01 50	25.765	37.8	32.9	61	4															2					01-02
02 45	25.765	38.1	33.0	59	5															2					02-03
03 47	25.765	36.1	32.0	66	5	5	ci	250												2	1	.005			03-04
04 47	25.765	38.0	32.5	56	5															2					04-05
05 48	25.785	43.0	35.5	48	5															2					05-06
06 45	25.790	47.5	37.5	38	8	8	ci	250												3	3	.025			06-07
07 45	25.790	50.0	38.2	31	8															2					07-08
08 45	25.810	53.0	39.2	25	6															2					08-09
09 47	25.810	55.0	40.4	24	4	3	cu	90	1	ci	250	4								3	2	.020			09-10
10 45	25.800	56.1	40.3	20	7															6					10-11
11 46	25.775	59.2	42.0	19	9															8					11-12
12 44	25.775	60.2	41.8	15	9	9	cu	E80												9	7	.035			12-13
13 44	25.790	58.5	41.3	33	10															10					13-14
14 43	25.860	56.8	42.5	28	10															10					14-15
15 49	25.820	53.8	43.5	43	10	7	Cu	E50	3	Ac	120	10								10	3	.045			15-16
16 50	25.835	52.7	42.7	43	10															10					16-17
17 47	25.870	48.2	42.4	63	10															10					17-18
18 51	25.910	45.0	40.3	68	10	4	Cu	50	6	Ac	E120	10								10	3	.090			18-19
19 47	25.935	43.6	40.6	79	5															5					19-20
20 48	25.950	42.4	38.7	73	1															1					20-21
21 47	25.960	37.7	36.1	86	0	0	Ac	120												0	1	.050			21-22
22 48	25.980	35.8	33.9	84	0															0					22-23
23 47	25.995	36.1	34.2	84	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	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	39	34		X	X	X	X	X	X	X		
	0342	1	0	0	0	40	34		0								
	0942	2	0	0	0	57	35		0								
	1544	3	T	0	0	61	51		0								
	2143	4	T	0	0	54	38		0								
	MID.	X	0	0	0	38	35		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA PRESS. 63	25.765	25.810	25.820	25.960
BAROGRAPH 64	25.750	25.800	25.800	25.940
BAR. CORR. 65	+.015	+.010	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Inc.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
61	34	T	0	0	40	N	1758					8	6		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
RW-	1340	1435			
RW-	1645	1715			
RW-	1801	1806			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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

MAXIMUM PRECIPITATION

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

TIME CHECK: 0700 A.S.T. - OK / 2350 P - OK

MF1-10B

U.S. GOVERNMENT PRINTING OFFICE 1973-762-29

MF1-10A
(10-75)

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

STATION WMO YUCCA FLAT, NEVADA

DATE 9/9 MAY 1 0

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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	CLR	20			144	37	32	33	04		001	112	HS
SA	0151	CLR	20			153	36	28	20	02		002		HS
SA	0246	CLR	20			156	33	29	34	04		003	~~208 32 RADAT 60072~~	HS
SA	0347	CLR	20			160	33	29	28	03		004	208 32 RADAT 60072	JJ
SA	0447	CLR	20			172	28	25	36	04		006		JJ
SA	0548	CLR	20			177	42	30	31	03		009		JJ
SA	0648	CLR	20			179	45	31	13	03		010	119 1100	JJ
SA	0748	CLR	20			175	54	23	02	12	G20	011		JJ
SA	0848	60 SCT	20			178	56	19	02	14	G25	012		JJ
SA	0947	60 SCT	20			184	57	21	04	09	G19	013	208 1100 28	JJ
SA	1048	60 SCT	20			182	60	23	08	07		012		JJ
SA	1148	60 SCT	20			175	62	22	36	08		011		JJ
SA	1248	60 SCT	20			170	64	19	04	11		009	710 1100	JJ
SA	1346	60 SCT	20			163	68	15	04	09	G15	008		JJ
SA	1450	60 SCT	20			163	67	16	07	09	G20	007		JJ
SA	1547	60 SCT	20			159	67	12	02	04		006	710 1100 69 RADAT 33046	JJ
SA	1650	60 SCT	20			161	68	16	05	07		006		RD
SA	1750	60 SCT	20			155	66	14	04	09	G17	007		RD
SA	1850	60 SCT	20			164	59	17	04	02		008	307 1100	RD
SA	1950	60 SCT	20			169	55	19	24	02		011		RD
SA	2048	CLR	20			179	50	24	27	02		014		RD
SA	2152	CLR	20			187	47	16	36	02		015	220 69	RD
SA	2249	CLR	20			194	39	19	03	02		016		RD
SA	2350	CLR	20			197	39	19	00	00		017		RD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

☆ U. S. Government Printing Office: 1975—665-661/1093 Region No. 6

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

MF1-10B (9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, [redacted]

DATE: 1979 MAY 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	25.995	36.9	34.6	81	0															0	1	.035			00-01
01 51	26.005	36.2	33.0	73	0															0					01-02
02 46	26.015	33.0	31.3	85	0															0					02-03
03 47	26.020	33.4	31.4	82	0															0	2	.025			03-04
04 47	26.040	28.3	27.3	88	0															0					04-05
05 48	26.070	42.1	36.7	61	0															0					05-06
06 48	26.075	45.3	38.9	57	0	0	Cu	60												0	1	.055			06-07
07 48	26.080	54.0	41.0	30	0															0					07-08
08 48	26.090	55.9	41.0	24	1															1					08-09
09 47	26.100	57.2	41.9	24	3	3	Cu	60												3	2	.025			09-10
10 48	26.095	60.1	43.8	23	4															4					10-11
11 48	26.080	62.2	44.7	21	4															4					11-12
12 48	26.070	64.1	44.8	17	3	3	Cu	60												3	7	.030			12-13
13 46	26.060	67.5	45.7	13	2															2					13-14
14 50	26.050	67.4	45.8	14	3															3					14-15
15 47	26.040	66.8	44.8	12	3	3	Cu	60												3	7	.030			15-16
16 50	26.040	67.8	46.0	14	2															2					16-17
17 50	26.045	65.7	44.7	13	1															1					17-18
18 50	26.060	59.1	42.0	19	1	1	Cu	60												1	3	.020			18-19
19 50	26.085	54.9	46.4	24	1															1					19-20
20 48	26.105	50.2	39.8	34	0															0					20-21
21 52	26.120	46.6	35.0	29	0															0	2	.060			21-22
22 49	26.130	39.0	31.1	44	0															0					22-23
23 50	26.140	39.0	31.3	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	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0245	X	0	0	X	38	32		X	X	X	X	X	X	X		
	0245	1	0	0	0	38	32		0								
	0945	2	0	0	0	59	28		0								
	1545	3	0	0	0	69	57		0								
	2144	4	0	0	0	69	47		0								
	MID.	X	0	0	0	47	38		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.020	26.100	26.040	26.120
BAROGRAPH 64	26.050	26.075	26.025	26.095
BAR. CORR. 65	+.020	+.025	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	28	0	0	0	28	NE	0759					2	1		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) — 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

MAXIMUM PRECIPITATION

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

TIME CHECK: 0625 PST-ok / 2254 PST OK

MF1-10B

U.S. GOVERNMENT PRINTING OFFICE 1973-762-20

MF1-10A
(10-75)

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

SURFACE WEATHER OBSERVATIONS

STATION: SMO YUCCA [redacted], [redacted]A

DATE: 1979 MAY 1 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)	SEQ. SERVER'S INITIALS (15)
* SA	0047	CLR	20			196	41	19	00	00		018	108	RD
SA	0148	CLR	20			191	45	19	32	07		018		RD
SA	0251	CLR	20			195	36	19	22	02		018		RD
SA	0347	CLR	20			203	38	20	29	02		020	367 35 RADAT 41096	[illegible]
SA	0447	CLR	20			207	34	18	08	02		021		[illegible]
SA	0547	CLR	20			213	38	20	29	02		023		[illegible]
SA	0647	CLR	20			217	50	21	00	00		025	215	[illegible]
SA	0745	CLR	20			215	58	23	08	02		025		[illegible]
SA	0847	CLR	20			215	58	28	05	03		025		[illegible]
SA	0947	CLR	20			214	66	17	03	06		025	602 1100 33	[illegible]
SA	1047	CLR	20			211	69	17	09	05		023		[illegible]
SA	1147	CLR	20			202	71	20	03	11	G18	021		[illegible]
SA	1247	CLR	20			190	72	18	03	10	G20	018	820 1100	[illegible]
SA	1346	CLR	20			177	74	14	06	05		015		[illegible]
SA	1449	CLR	20			174	75	14	07	07		013		[illegible]
SA	1547	CLR	20			171	75	14	02	08	G17	012	617 1100 77 RADAT 35119	RD
SA	1649	CLR	20			171	74	12	05	10	G18	012		RD
SA	1749	CLR	20			166	73	8	05	09	G19	011		RD
SA	1850	CLR	20			170	66	15	32	02		012	850 1101	RD
SA	1950	CLR	20			177	59	16	28	04		015		RD
SA	2050	CLR	20			186	60	17	32	03		017		RD
SA	2149	CLR	20			190	54	19	31	04		019	2-20 77	RD
SA	2249	CLR	20			190	57	18	29	06		020		RD
SA	2349	CLR	20			191	55	17	30	06		021		RD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

* U. S. Government Printing Office: 1975—665-661/1093 Region No. 6

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

MF1-10B
(9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, [redacted]

DATE: 1979 MAY 1 1

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	26.145	41.2	33.0	41	0															0	1	.025			00-01
01 48	26.145	44.8	35.0	35	0															0					01-02
02 51	26.145	36.4	30.1	49	0															0					02-03
03 47	26.165	38.0	31.3	48	0															0	3	.020			03-04
04 47	26.170	34.4	28.7	51	0															0					04-05
05 47	26.190	38.2	31.3	47	0															0					05-06
06 47	26.210	49.7	38.1	32	0															0	2	.045			06-07
07 45	26.210	58.2	43.0	26	0															0					07-08
08 47	26.205	58.3	44.3	32	0															0					08-09
09 47	26.205	65.7	45.3	15	0	0	Cu	60												0	6	.005			09-10
10 47	26.190	68.7	46.7	14	0															0					10-11
11 47	26.170	70.6	48.0	14	0															0					11-12
12 47	26.145	72.3	48.4	13	0	0	Cu	60												0	8	.060			12-13
13 46	26.120	73.5	48.3	10	0															0					13-14
14 49	26.100	74.8	48.8	10	0															0					14-15
15 47	26.095	75.0	48.8	10	0	0	Cu	60												0	6	.050			15-16
16 49	26.090	74.2	48.2	9	0															0					16-17
17 49	26.085	72.8	47.6	10	0															0					17-18
18 50	26.095	65.7	44.8	14	0	0	Cu	60	0	Ci	250	0								0	5	.000			18-19
19 50	26.120	59.0	41.8	19	0															0					19-20
20 50	26.140	60.2	42.6	19	0															0					20-21
21 49	26.155	53.6	34.8	26	0															0	2	.060			21-22
22 47	26.165	57.0	41.3	22	0															0					22-23
23 49	26.170	55.0	40.0	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	SEA STATE 51	SWELL HGT. 52	SWELL PERIOD 53	SURF Hs Ms	SURF Ps Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0945	X	0	0	X	46	35		X	X	X	X	X	X	X	X		
	0345	1	0	0	0	47	35		0									
	0945	2	0	0	0	68	33		0									
	1543	3	0	0	0	77	66		0									
	214	4	0	0	0	75	54		0									
	MID.	X	0	0	0	58	52		X	X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.165	26.205	26.095	26.150
BAROGRAPH 64	26.135	26.185	26.080	26.130
BAR. CORR. 65	+.030	+.020	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	33	0	0	0	25	NE	1614					0	0		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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

MAXIMUM PRECIPITATION

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

TIME CHECK: 0738 P.ST. ok 1925 LST ok

* OBSERVERS INADVERTENTLY RECORDED AN R IN COL 1 BUT ALL OBS WERE TRANSMITTED AS SA

☆ U.S. GOVERNMENT PRINTING OFFICE 1973-762-29

MF1-10A (10-75)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, NEVADA

DATE: 1979 MAY 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)	REPORTING AUTHORITY (15)
** SA	0051	CLR	20			195	53	19	35	02		022	208	RD
SA	0148	CLR	20			200	53	15	11	04		023		RD
SA	0250	CLR	20			204	51	15	31	06		024		RD
SA	0348	CLR	20			209	48	17	31	02		025	210 47 RADAT 35111	RD
SA	0447	CLR	20			209	53	16	30	06		026		RD
SA	0547	CLR	20			214	56	20	30	08		028		RD
SA	0648	CLR	20			218	61	19	32	05		029	110	RD
SA	0747	CLR	20			221	67	21	03	09		029		RD
SA	0847	CLR	20			218	70	19	08	06		029		RD
SA	0947	250-SCT	20			219	72	16	08	07		029	000 1001 46	RD
SA	1048	250-SCT	20			211	74	14	06	09		027		RD
SA	1147	250-SCT	20			205	72	10	04	06		025		RD
SA	1247	250-BKN	20			197	74	5	05	03		023	719 1001	RD
SA	1346	250-SCT	20			187	77	5	05	07		020		RD
SA	1447	CLR	20			179	78	2	05	04		018		RD
SA	1549	CLR	20			172	79	5	09	03		015	722 80 RADAT 20125	RD
SA	1649	CLR	20			164	78	5	14	02		014		RD
SA	1749	CLR	20			162	77	9	18	02		014		RD
SA	1850	CLR	20			166	69	8	20	04		015	502	RD
SA	1950	CLR	20			173	65	12	00	00		016		RD
SA	2048	CLR	20			180	59	15	32	02		018		RD
SA	2147	CLR	20			185	48	13	27	02		018	110 80	RD
SA	2250	CLR	20			186	45	14	13	02		019		RD
SA	2349	CLR	20			187	45	15	27	03		018		RD

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_ts$ $8N_sCh_sh_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

vernment Printing Office: 1975—665-661/1093 Region No. 6

MF1-10B
(9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, NEVADA

DATE: 1979 MAY 1 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.180	53.0	39.0	24	0															0	2	.025			00-01
01 48	26.190	52.8	38.4	22	0															0					01-02
02 50	26.200	51.2	37.6	24	0															0					02-03
03 48	26.210	48.0	36.4	29	0															0	2	.030			03-04
04 47	26.220	53.3	39.0	23	0															0					04-05
05 47	26.235	55.8	41.0	24	0															0					05-06
06 48	26.240	61.1	43.5	20	0															0	1	.030			06-07
07 47	26.245	66.5	46.3	17	0															0					07-08
08 47	26.245	69.8	47.5	14	0															0					08-09
09 47	26.240	72.1	48.0	12	2	2	Ci	250												0	0	.000			09-10
10 48	26.230	73.8	48.4	10	2															0					10-11
11 47	26.205	72.2	47.0	9	2															0					11-12
12 47	26.185	74.2	47.3	7	6	6	Ci	250												0	7	.055			12-13
13 46	26.165	77.0	48.6	6	4															0					13-14
14 47	26.145	78.7	48.8	5	0															0					14-15
15 49	26.120	78.9	49.0	6	0															0	7	.065			15-16
16 49	26.110	77.7	48.9	6	0															0					16-17
17 49	26.105	77.0	49.0	7	0															0					17-18
18 50	26.115	69.1	45.4	9	0															0	5	.005			18-19
19 50	26.130	65.0	44.0	12	0															0					19-20
20 48	26.145	59.2	41.8	18	0															0					20-21
21 47	26.145	47.6	35.2	24	0															0	1	.030			21-22
22 50	26.145	45.0	34.0	28	0															0					22-23
23 49	26.145	45.2	34.3	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	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	56	47		X	X	X	X	X	X	X		
	0345	1	0	0	0	58	47		0								
	0945	2	0	0	0	73	46		0								
	1544	3	0	0	0	80	72		0								
	2144	4	0	0	0	80	45		0								
	MID.	X	0	0	0	48	43		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.210	26.240	26.120	26.145
BAROGRAPH 64	26.180	26.240	26.120	26.140
BAR. CORR. 65	+.030	±0*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	43	0	0	0	22	NE	1152					1	0		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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

MAXIMUM PRECIPITATION

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

TIME CHECK: 0815 PST - ok / 22-45 PST OK

*BAROGRAM CHANGED 0950PST - SET TO ZERO CORRECTION

** OBSERVERS INADVERTENTLY RECORDED AN R IN COL. 1
ALL OBS WERE TRANSMITTED AS SA

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-782-29

MF1-10A (10-75)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, NEVADA

DATE: 1979 MAY 1 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
** SA	0048	CLR	20			188	41	15	00	00		018	400	KD
SA	0146	CLR	20			185	43	15	00	00		017		KD
SA	0250	CLR	20			184	35	13	36	02		016		KD
SA	0345	CLR	20			183	36	16	36	02		016	605 34 RADAT 20126	SH
SA	0445	CLR	20			188	36	18	00	00		017		SH
SA	0549	CLR	20			187	41	15	16	02		018		SH
SA	0646	CLR	20			191	49	17	11	02		019	208	SH
SA	0745	CLR	20			182	61	21	05	02		018		SH
SA	0849	CLR	20			175	73	22	09	02		017		SH
SA	0946	CLR	20			180	77	12	16	02		017	605 32	SH
SA	1048	CLR	20			173	79	16	14	03		015		SH
SA	1146	CLR	20			161	82	15	23	02		012		SH
SA	1246	CLR	20			156	81	12	13	02		010	722	SH
SA	1346	CLR	20			149	82	8	14	08		008		SH
SA	1447	CLR	20			142	83	6	17	09		005		SH
SA	1548	CLR	20			138	83	5	11	04		004	719 1001 86 RADAT 20128	VD
SA	1649	CLR	20			136	82	1	20	04		003		VD
SA	1752	CLR	20			132	81	9	20	02		003		VD
SA	1847	CLR	20			137	69	12	19	02		003	602 1001	VD
SA	1948	CLR	20			131	68	5	19	04		004		VD
SA	2046	CLR	20			128	67	8	20	02		005		VD
SA	2147	CLR	20			136	56	10	31	05		006	308 86	VD

☆ U. S. Ge synoptic observation, in WMO code format FM11D, is entered on line following related aviation obser

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Ndaff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh_sh_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

MF1-10B
(9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO YUCCA FLAT, NEVADA

DATE: 1979 MAY 13

To convert LST to GMT ADD 5 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	26.145	41.3	32.2	34	0															0	4	.000			00-01
01 46	26.140	42.8	33.0	32	0															0					01-02
02 50	26.130	35.4	28.0	40	0															0					02-03
03 46	26.130	36.3	29.3	43	0															0	6	.015			03-04
04 45	26.140	35.6	29.5	49	0															0					04-05
05 49	26.145	41.0	32.0	35	0															0					05-06
06 46	26.155	49.0	36.8	27	0															0	2	.025			06-07
07 45	26.145	61.0	43.8	21	0															0					07-08
08 49	26.140	73.1	49.6	15	0															0					08-09
09 46	26.140	77.0	49.5	8	0															0	6	.015			09-10
10 48	26.120	79.2	51.0	9	0															0					10-11
11 46	26.095	82.0	52.0	8	0															0					11-12
12 46	26.075	81.2	51.2	7	0															0	7	.065			12-13
13 46	26.060	82.2	51.2	6	0															0					13-14
14 47	26.030	83.0	51.2	5	0															0					14-15
15 48	26.020	83.1	51.2	5	0	0	CI	300												0	7	.055			15-16
16 49	26.015	82.1	50.4	4	0															0					16-17
17 52	26.010	81.3	50.9	6	0															0					17-18
18 47	26.015	69.3	46.0	11	0	0	CI	300												0	6	.005			18-19
19 48	26.020	67.8	44.4	8	0															0					19-20
20 46	26.030	66.6	44.1	10	0															0					20-21
21 47	26.040	56.2	39.4	16	0															0	3	.025			21-22
22																									22-23
23																									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	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	45	34		X	X	X	X	X	X	X		
	0342	1	0	0	0	48	34		0								
	0943	2	0	0	0	78	32		0								
	1545	3	0	0	0	86	77		0								
	2144	4	0	0	0	84	50		0								
	MID.	X	—	—	—	—	—		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0342	0943	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.130	26.140	26.020	26.040
BAROGRAPH 64	26.130	26.135	26.030	26.020
BAR. CORR. 65	±0	+.005	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86*	32	0	0	0	17	SE	1350					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	89	100	120	130	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

TIME CHECK: 0857 PST-OK 1837 P OK

* STATION CLOSED 2200 BY ORDER DOE

** OBSERVERS INADVERTENTLY RECORDED AN R IN COL. 1
ALL OBS WERE TRANSMITTED AS SA

MF1-10B

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-762-29

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 14

TO CONVERT LST TO GMT ADD 8 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	0046	CLR	20			125	60	14	00	00		000	803	JD
SA	0146	CLR	20			123	58	14	02	08		999		JD
SA	0247	CLR	20			125	55	17	35	03		999		JD
SA	0346	CLR	20			124	55	18	06	02		999	703 52 RADAT 33123	SH
SA	0446	CLR	20			126	53	18	12	03		999		SH
SA	0545	CLR	20			131	58	21	06	04		002		SH
SA	0646	CLR	20			130	64	19	24	03		002	108	SH
SA	0745	CLR	20			130	72	20	00	00		002		SH
SA	0845	CLR	20			131	78	19	07	03		002		SH
SA	0948	CLR	20			127	82	16	30	02		001	803 51	SH
SA	1045	CLR	20			123	87	17	16	08		999		SH
SA	1146	CLR	20			117	86	11	20	08	G22	997		SH
SA	1247	CLR	20			111	88	12	13	07	G22	996	714	SH
SA	1347	CLR	20			100	89	7	21	10	G28	993		SH
SA	1415	CLR	20			092	90	13	24	12		991		SH
SA	1547	CLR	20			088	88	6	21	14		989	722 1100 90 RADAT 34126	JD
SA	1646	CLR	20			087	88	11	18	11	G19	988		JD
SA	1747	CLR	20			081	86	11	21	12		987		JD
SA	1847	CLR	20			085	80	11	22	07		988	503	JD
SA	1946	CLR	20			086	75	13	12	07		989		JD
SA	2048	CLR	20			088	73	15	12	08		991		JD
SA	2148	CLR	20			090	68	15	12	10		991	008 90	JD
SA	2247	CLR	20			088	72	15	11	09		992		JD
SA	2347	CLR	20			089	70	17	11	07		992		JD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 14

To convert LST to GMT ADD 7 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 46	26.595	59.9	41.9	16	0															0	8	.010			00-01
01 46	26.590	57.9	40.9	18	0															0					01-02
02 47	26.590	55.1	40.0	22	0															0					02-03
03 46	26.585	54.6	40.0	23	0															0	7	.010			03-04
04 46	26.590	53.1	39.2	25	0															0					04-05
05 45	26.610	58.2	42.4	23	0															0					05-06
06 46	26.610	64.2	45.0	18	0															0	1	.025			06-07
07 45	26.610	72.0	48.7	14	0															0					07-08
08 45	26.610	77.8	51.0	11	0															0					08-09
09 48	26.600	82.0	52.1	8	0															0	8	.010			09-10
10 45	26.590	86.8	54.3	8	0															0					10-11
11 46	26.570	86.0	53.0	6	0															0					11-12
12 47	26.560	87.7	54.2	6	0															0	7	.040			12-13
13 47	26.530	88.7	53.6	5	0															0					13-14
14 45	26.510	89.6	54.7	6	0															0					14-15
15 47	26.495	87.9	53.2	4	0	0	CU	80												0	7	.065			15-16
16 46	26.485	87.5	53.6	6	0															0					16-17
17 47	26.475	85.6	52.8	6	0															0					17-18
18 47	26.485	80.0	50.5	7	0															0	5	.010			18-19
19 46	26.495	74.9	48.7	9	0															0					19-20
20 48	26.505	72.7	48.0	11	0															0					20-21
21 48	26.510	67.8	45.8	13	0															0	0	.025			21-22
22 47	26.515	71.7	47.6	11	0															0					22-23
23 47	26.515	70.2	47.2	13	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	60	52	X	X						X		
	0343	1	0	0	0	60	52		0								
	0944	2	0	0	0	83	51		0								
	1544	3	0	0	0	90	82		0								
	2145	4	0	0	0	88	68		0								
	MID.	X	0	0	0	72	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.600	26.495	26.510
BAROGRAPH 64	26.590	26.600	26.500	26.510
BAR. CORR. 65	+.015	*0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
90	51	0	0	0	28	S	1342					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: 0049 P OK 0715 P-OK

STATION REOPENED COMPOSIT

* BAROGRAM CHANGED AND RESET TO "0" COR.

** OBSERVERS INADVERTENTLY RECORDED AN R IN COL. 1
ALL OBS WERE TRANSMITTED AS SA

MAX AND MIN TEMPS AT 0343 COL 47-48 TAKEN
FROM HYGROTHERMOGRAPH

MF1-10B

☆ U. S. GPO: 1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 15

TO CONVERT LST TO GMT ADD 8 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			091	63	17	12	02		992	002	JD
SA	0147	CLR	20			086	65	18	09	05		991		JD
SA	0251	CLR	20			088	58	20	07	04		990		JD
SA	0346	CLR	20			096	60	19	09	04		992	3502 56 RADAT 47124	SH
SA	0447	CLR	20			098	59	18	12	02		993	FEW CS	SH
SA	0547	300-SCT	20			104	60	25	01	03		994		SH
SA	0646	CLR	20			108	66	22	15	03		995	210 1001	SH
SA	0745	CLR	20			107	73	23	33	03		995		SH
SA	0845	CLR	20			101	79	21	29	06		994		SH
SA	0946	CLR	20			097	84	29	25	10		993	FEW CU CI/ 807 1101 55	SH
SA	1047	80 SCT 300-SCT	20			090	85	19	21	15		992		SH
SA	1146	80 SCT 300 SCT	20			076	88	19	19	16	G31	987		SH
SA	1250	80 SCT 300 SCT	20			074	89	18	19	22	G30	986	PK WND 2037/28 720	SH
SA	—		—			—						—	1101	—
SA	1348	80 SCT 300-BKN	20			069	88	17	22	20	G28	985	PK WND 2136/26	SH
SA	1445	80 SCT 300 SCT	20			070	88	10	21	22	G31	984		SH
SA	1547	CLR	20			070	86	15	20	16	G24	984	607 1101 90 RADAT 38126	JD
SA	1646	300 -SCT	20			069	85	18	20	17		984		JD
SA	1746	300 -SCT	20			068	83	14	20	15		983		JD
SA	1846	300 -SCT	20			072	79	14	20	08		985	302 1001	JD
SA	1949	300 -SCT	20			075	75	13	18	09		986		JD
SA	2048	300 -SCT	20			075	72	16	14	05		987		JD
SA	2148	CLR	20			078	69	14	08	04		987	108 1001 90	JD
SA	2246	CLR	20			077	68	20	04	03		987		JD
SA	2347	250-SCT	20			077	71	25	11	07		988		JD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 1 5

To convert LST to GMT ADD 7 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	26.515	62.9	43.8	16	0															0	0	.005			00-01
01 47	26.505	65.2	45.2	16	0															0					01-02
02 51	26.500	57.8	42.0	23	0															0					02-03
03 46	26.520	59.6	42.8	21	0															0	3	.005			03-04
04 47	26.525	59.0	42.2	20	0															0					04-05
05 47	26.540	59.5	44.2	27	1															0					05-06
06 46	26.550	66.4	46.6	18	0	0	Ci	300												0	2	.030			06-07
07 45	26.550	72.7	49.6	15	0															0					07-08
08 45	26.540	79.3	52.0	12	0															0					08-09
09 46	26.530	83.5	55.4	14	0	0	Cu	80	0	Ci	300	0								0	8	.020			09-10
10 47	26.520	85.2	54.0	9	2															1					10-11
11 46	26.480	88.0	55.0	8	2															2					11-12
12 50	26.470	89.1	55.4	7	3	2	Cu	80	1	Ci	300	3								3	7	.060			12-13
13 48	26.460	87.7	54.6	7	7															2					13-14
14 45	26.450	88.0	53.7	5	2															2					14-15
15 47	26.450	86.3	53.7	7	0	0	Cu	90	0	Ci	300	0								0	6	.020			15-16
16 46	26.445	84.9	53.7	8	1															0					16-17
17 46	26.440	83.0	52.2	7	1															0					17-18
18 46	26.455	78.8	50.5	9	1	1	Ci	300												0	3	.005			18-19
19 49	26.465	74.9	48.6	9	2															0					19-20
20 48	26.475	72.0	47.8	11	1															0					20-21
21 48	26.480	68.9	46.2	12	0	0	Ci	300												0	1	.025			21-22
22 46	26.480	67.8	46.7	16	0															0					22-23
23 47	26.485	70.7	49.1	18	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	70	56	X	X						X		
	0342	1	0	0	0	72	56		0								
	0943	2	0	0	0	85	55		0								
	1543	3	0	0	0	90	84		0								
	2144	4	0	0	0	86	69		0								
	MID.	X	0	0	0	71	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.530	26.450	26.480
BAROGRAPH 64	26.515	26.530	26.445	26.475
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	55	0	0	0	37	9	1228					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1130P OK 1747P OK

* OBSERVERS INADVERTENTLY RECORDED AN R IN COL. 1
ALL OBS WERE TRANSMITTED AS SA

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 16

TO CONVERT LST TO GMT: ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVICES INITIALS (15)
RSA	0047	250 -SCT	20			080	71	25	05	05		989	3 805 1006	JD
SA R	0149	250 -BKN	20			086	66	25	08	03		991		JD
SA R	0251	250 -BKN	20			087	62	25	10	02		990		JD
SA	0345	250 - BKN	20			094	60	26	09	02		991	205 1006 59 RADAT 44115	JK
SA	0445	250 - BKN	20			098	57	25	02	02		992		JK
SA	0546	250 - SCT	20			106	61	29	36	04		994		JK
SA	0648	250 - SCT	20			107	68	26	36	02		995	214 1008	JK
SA	0749	250 - SCT	20			107	73	27	31	04		995		JK
SA	0846	250 - SCT	20			102	78	21	04	02		994		JK
SA	0950	250 - SCT	20			103	81	20	18	06		994	603 1008 56	JK
SA	1048	250 - SCT	20			094	82	21	21	03		992	CU S	JK
SA	1145	250 - SCT	20			084	84	26	12	08		990	CU S	JK
SA	1249	250 - SCT	20			076	85	14	23	19 G25		987	720 1008	JK
SA	1350	250 - SCT	20			074	85	14	23	19		986	CU OVHD	JK
SA	1448	250 - SCT	20			074	85	13	23	10 G21		985	FEW CU	JK
SA	1550	80 SCT 300 - SCT	20			070	55	13	21	12		984	710 1104 57 RADAT 42127	WRC
SA	1650	300 - BKN	20			069	43	15	23	10		983		WRC
SA	1750	300 - SCT	20			067	42	14	27	10 G18		983		WRC
SA	1850	300 - SCT	20			072	76	13	30	03		984	500 1001	WRC
SA	1950	300 - SCT	20			077	64	16	01	03		985		WRC
SA	2045	300 - SCT	20			083	65	16	07	04		987		WRC
SA	2150	CLR	20			051	65	15	12	04		987	110 1001 67	WRC
SA	2250	CLR	20			089	63	17	12	07		990		WRC
SA	2350	CLR	20			094	59	13	03	05		991		WRC

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR$_{is}$ $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 16

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.495	71.2	49.3	17	3	3	CS	250												1	3	.015			00-01
01 49	26.505	65.8	47.1	21	6															1					01-02
02 51	26.500	61.9	45.2	24	7															1					02-03
03 45	26.510	59.5	44.5	28	8	8	CS	250												2	2	.015			03-04
04 45	26.520	57.3	43.0	28	6															2					04-05
05 46	26.540	61.0	46.0	30	4															1					05-06
06 48	26.550	68.1	48.3	20	4	4	CS	250												1	2	.040			06-07
07 49	26.550	72.6	50.5	18	3															1					07-08
08 46	26.540	77.8	51.3	12	2															0					08-09
09 50	26.540	80.5	52.2	10	1	1	CS	250												0	6	.010			09-10
10 48	26.520	82.0	53.0	10	1															0					10-11
11 45	26.500	84.1	54.8	12	1															0					11-12
12 49	26.480	85.1	53.1	8	1	0	CU	90	1	CS	250	1								0	7	.060			12-13
13 50	26.470	85.1	53.1	8	1															0					13-14
14 48	26.460	84.9	52.8	7	3															1					14-15
15 50	26.450	55.4	53.1	7	5	1	CU	80	4	CI	300	5								2	7	.030			15-16
16 50	26.440	82.9	52.3	8	6															3					16-17
17 50	26.440	82.3	52.0	8	5															2					17-18
18 50	26.450	76.3	49.3	9	4	4	CI	300												2	5	.000			18-19
19 50	26.460	67.9	46.1	14	2															1					19-20
20 45	26.480	64.4	44.6	15	2															1					20-21
21 50	26.480	64.5	44.2	14	0	0	CI	300												0	1	.030			21-22
22 50	26.500	63.0	44.0	17	0															0					22-23
23 50	26.510	59.3	41.4	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		71	59										
	0343	1	0	0	0	71	59		0								
	0947	2	0	0	0	81	56		0								
	1546	3	0	0	0	87	61		0								
	2146	4	0	0	0	85	65		0								
	MID.		0	0	0	65	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.540	26.450	26.480
BAROGRAPH 64	26.510	26.540	26.455	26.485
BAR. CORR. 65	±.0	±.0	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	56	0	0	0	25	SW	1247					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1212 Time Check OK

2310 Time Check OK

MF1-10B

☆ U.S.GPO:1977-0-755-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], [illegible] ROCK, IN

DATE: 1979 MAY 17

TO CONVERT LST TO GMT ADD 8 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			095	60	15	10	06		992	112	WRG
SA	0150	CLR	20			099	57	17	12	02		992		WRG
SA	0250	CLR	20			102	57	17	08	02		993		WRG
SA	0345	CLR	20			108	53	17	09	02		994	208 53 RADAT 37120	JK
SA	0446	CLR	20			117	52	16	36	02		996	CINW	JK
SA	0547	CLR	20			123	57	20	11	02		998	CIN	JK
SA	0648	CLR	20			132	64	20	00	00		001	220 1001	JK
SA	0758	CLR	20			130	73	24	00	00		001		JK
SA	0846	CLR	20			128	78	15	00	00		001		JK
SA	0947	CLR	20			127	81	24	25	08		001	400 1100 50	JK
SA	1046	CLR	20		127	~~137~~	82	21	25	05		001	Cu S	JK
SA	1145	CLR	20			121	84	20	27	06		998	Cu S	JK
SA	1245	CLR	20			112	85	22	24	05		996	814 1100	JK
SA	1349	CLR	20			106	85	20	18	06		994	FEW Cu ALQDS	JK
SA	1450	CLR	20			102	86	20	18	04		993	FEW Cu ALQDS	JK
SA	1550	90 Sct	20			096	86	19	06	03		991	717 1400 87 RADAT 44127	WRG
SA	1650	90 Sct	20			092	86	22	21	06		990		WRG
SA	1750	CLR	20			091	85	24	23	05		990	Few Sc S	WRG
SA	1850	CLR	20			098	80	25	23	06		992	303 1005	WRG
SA	1950	CLR	20			105	73	26	08	03		994		WRG
SA	2045	CLR	20			106	71	24	01	03		995		WRG
SA	2150	CLR	20			109	68	25	02	07		996	214 1005 87	WRG
SA	2250	CLR	20			111	67	25	04	08		996		WRG
SA	2350	CLR	20			111	64	24	04	09		996		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 17

To convert LST to GMT ADD 3 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	26.515	59.7	41.9	17	0															0	1	.035			00-01
01 50	26.520	57.2	41.0	20	0															0					01-02
02 50	26.530	56.9	40.9	21	0															0					02-03
03 45	26.540	53.0	39.0	24	0															0	2	.035			03-04
04 46	26.560	51.9	38.1	24	0															0					04-05
05 47	26.580	52.1	41.7	23	0															0					05-06
06 48	26.600	64.0	45.0	18	0	0	Ci	250												0	2	.060			06-07
07 58	26.600	73.0	50.0	16	0															0					07-08
08 46	26.600	78.2	50.3	9	0															0					08-09
09 47	26.600	80.8	53.2	12	0	0	Cu	90												0	4	.000			09-10
10 46	26.600	82.0	53.0	10	0															0					10-11
11 45	26.580	83.5	53.4	9	0															0					11-12
12 45	26.560	85.3	54.6	10	0	0	Cu	90												0	8	.040			12-13
13 49	26.540	85.0	54.0	9	0															0					13-14
14 50	26.530	85.5	54.2	9	0															0					14-15
15 50	26.510	86.2	54.4	8	1	1	Sc	90												1	7	.050			15-16
16 50	26.500	86.3	54.8	9	1															1					16-17
17 50	26.500	85.2	54.8	11	0															0					17-18
18 50	26.520	79.7	52.9	13	0	0	Ci	250												0	3	.010			18-19
19 50	26.540	73.3	50.6	17	0															0					19-20
20 45	26.550	71.2	49.1	17	0															0					20-21
21 50	26.560	68.4	48.2	19	0	0	Ci	250												0	2	.040			21-22
22 50	26.560	66.6	47.3	20	0															0					22-23
23 50	26.560	63.6	45.8	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	60	53	X	X						X		
	0343	1	0	0	0	65	53		0								
	0944	2	0	0	0	81	50		0								
	1546	3	0	0	0	87	81		0								
	2146	4	0	0	0	87	68		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.510	26.560
BAROGRAPH 64	26.540	26.600	26.520	26.575
BAR. CORR. 65	±.0	±.0	-.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
87	50	0	0	0	17	SW	1433					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: 0615 Time Check OK

BAROGRAPH CHANGED Reset To Zero 1250 P

2323 Time Check OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 18

TO CONVERT LST TO GMT ADD 8 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			111	63	25	05	04		996	400	WRC
SA	0145	CLR	20			113	61	26	13	04		996		WRC
SA	0250	CLR	20			112	59	25	07	02		996		WRC
SA	0346	CLR	20			120	56	27	04	01		998	307 56 RADAT 42128	JK
SA	0447	CLR	20			121	55	28	35	01		998	CU S CI NW	JK
SA	0549	CLR	20			126	63	30	00	00		001		JK
SA	0651	CLR	20			123	72	24	03	10		001	107	JK
SA	0745	CLR	20			124	76	26	03	10		001	CI N	JK
SA	0845	CLR	20			121	79	31	03	10		999	CU S CI N	JK
SA	0945	CLR	20			116	83	28	36	04		998	807 1101 55	JK
SA	1045	CLR	20			113	87	22	09	07		998	CU ALQDS CI N W	JK
SA	1149	90 SCT 250-SCT	20			108	88	25	09	10		996		JK
SA	1247	90 SCT 250-SCT	20			101	88	27	05	03		994	714 1101	JK
SA	1349	90 SCT 250 SCT	20			094	90	26	17	07		992		JK
SA	1450	90 SCT 250 SCT	20			088	90	25	10	10		990		JK
SA	1550	90 SCT E250 BKN	20			082	89	21	13	08		987	620 1404 93 Radat 51132	WRC
SA	1650	90 SCT E250 BKN	20			080	83	28	24	11		986		WRC
SA	1750	E90 BKN 180 BKN	20			080	86	29	19	10 G 15		987	TCU DSNT S	WRC
SA	1845	90 SCT E 180 BKN	20			077	83	25	20	09		988	302 1260	WRC
SA	1950	90 SCT E 180 BKN	20			082	87	31	22	12 G 21		990	VIRGA SE	WRC
SA	2045	90 SCT	20			089	79	31	22	09 G 18		992		WRC
SA	2150	90 SCT	20			088	77	31	24	10 G 18		992	112 1700 93	WRC
SA	2250	90 SCT	20			088	76	29	24	10 G 20		992		WRC
SA	2350	90 SCT	20			096	75	28	24	12 G 20		992		WRC

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 18

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520	63.3	45.8	23	0															0	4	.000			00-01
01 45	26.560	60.6	44.9	26	0															0					01-02
02 50	26.560	59.3	44.1	27	0															0					02-03
03 46	26.580	56.0	43.0	33	0															0	3	.020			03-04
04 47	26.580	55.3	42.9	35	0															6					04-05
05 49	26.600	62.8	47.1	29	0															0					05-06
06 51	26.600	72.1	49.5	16	0															0	1	.020			06-07
07 45	26.600	76.4	51.9	16	0															0					07-08
08 45	26.590	79.2	54.2	17	0															0					08-09
09 45	26.580	83.2	55.1	14	0	0	CU	90	0	Ci	300	0								0	8	.020			09-10
10 45	26.575	86.5	55.0	9	0															0					10-11
11 49	26.560	87.6	56.1	10	3															1					11-12
12 47	26.540	88.2	56.8	11	3	1	CU	90	2	Ci	250	3								1	7	.040			12-13
13 49	26.520	89.8	57.0	10	4															3					13-14
14 50	26.500	90.0	57.0	10	5															3					14-15
15 50	26.480	89.0	55.9	8	8	4	Sc	90	4	Ci	E150	8								6	6	.060			15-16
16 50	26.470	88.2	56.8	11	8															6					16-17
17 50	26.480	86.0	56.4	13	9															7					17-18
18 45	26.483	84.6	54.4	11	8	5	CU	90	3	Ac	E180	8								7	3	.005			18-19
19 50	26.500	82.0	55.3	16	8															6					19-20
20 45	26.520	79.3	54.3	17	4															3					20-21
21 50	26.520	77.3	53.4	18	2	2	Sc	90												2	1	.035			21-22
22 50	26.526	76.2	52.4	17	2															2					22-23
23 50	26.515	75.3	51.8	17	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	64	56	X	X						X		
	0344	1	0	0	0	68	56		0								
	0943	2	0	0	0	83	55		0								
	1546	3	0	0	0	93	83		0								
	2145	4	0	0	0	90	77		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.580	26.480	26.520
BAROGRAPH 64	26.580	26.590	26.500	26.530
BAR. CORR. 65	±.0	-.010	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
93	55	0	0	0	25	SW	1355					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

TIME CHECK: 0200P Time Check OK
2214P Time check O/K

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 19

TO CONVERT LST TO GMT ADD 8 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	0045	90 SCT 250 -SCT	20			088	74	28	26	07		992	500 1401	WRG
SA	0145	90 SCT 250 - SCT	20			089	72	28	31	05		992	VIRGA SE	WRG
SA	0245	90 SCT 250 SCT	20			089	71	29	01	09		992		WRG
SA	0345	E 90 BKN	20			090	70	30	02	06		992	400 1400 69 RADAT 52129	JK
SA	0446	E 90 BKN	20			095	70	29	03	08		993		JK
SA	0545	E 90 BKN	20			101	70	29	00	00		995		JK
SA	0649	90 SCT 160 SCT	20			103	71	37	00	00		995	310 1420	JK
SA	0747	CLR	20			098	76	27	00	00		994	FEW AC	JK
SA	0855	CLR	20			089	80	26	36	04		992	CU S	JK
SA	0945	CLR	20			090	82	29	22	06		992	610 1170 69	JK
SA	1049	CLR	20			078	83	25	23	07		988	FEW CU	JK
SA	1148	CLR	20			069	87	26	22	12		986		JK
SA	1246	CLR	20			063	87	26	23	08		984	824 1101	JK
SA	1345	90 SCT	20			056	88	28	15	06		982		JK
SA	1450	90 SCT 250 SCT	20			052	89	27	24	08		981		JK
SA	1550	90 SCT 250 SCT	20			037	90	26	24	06	G14	976	824 1401 90 RADAT 51122	WRG
SA	1650	90 SCT	20			031	88	28	22	09		975		WRG
SA	1750	90 SCT	20			030	85	30	22	10	G14	974		WRG
SA	1850	90 SCT	20			034	82	29	21	10		975	503 1400	WRG
SA	1945	90 SCT	20			034	79	29	22	10		975		WRG
SA	2045	CLR	20			038	78	31	23	10		976	FEW SC SE	WRG
SA	2145	CLR	20			041	76	31	19	05		978	207 1400 90	WRG
SA	2250	CLR	20			042	72	34	16	04		979		WRG
SA	2350	CLR	20			050	69	34	01	06		980		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_aP_aP_aP_a$ 7RRR.s $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 19

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.520	73.7	51.2	18	5	2	Sc	90	3	Ci	250	5								2	5	.000			00-01
01 45	26.520	71.9	50.4	19	5															2					01-02
02 45	26.520	70.9	50.3	21	5															3					02-03
03 45	26.520	69.5	50.0	23	8	8	Sc	090												8	4	.060			03-04
04 46	26.530	70.0	50.0	22	9															9					04-05
05 45	26.545	70.0	50.0	22	7															7					05-06
06 49	26.550	71.4	53.1	28	4	1	Sc	90	3	Ac	160	4								3	3	.030			06-07
07 47	26.540	76.2	52.1	16	0															0					07-08
08 55	26.520	79.5	53.2	14	0															0					08-09
09 45	26.520	82.1	54.8	15	0	0	Cu	90	0	Ac	160	0								0	6	.030			09-10
10 49	26.490	82.6	54.1	12	0															0					10-11
11 48	26.470	87.2	56.1	11	0															0					11-12
12 46	26.450	86.8	56.1	11	0	0	Cu	90	0	Ci	250	0								0	8	.070			12-13
13 45	26.430	88.2	57.0	12	1															1					13-14
14 50	26.420	89.1	57.1	11	2															2					14-15
15 50	26.390	89.5	57.0	10	5	5	Sc	90	0	Ci	250	5								5	8	.070			15-16
16 50	26.365	88.2	56.8	11	4															4					16-17
17 50	26.360	85.2	56.3	14	4															4					17-18
18 50	26.370	82.3	55.0	15	3	3	Sc	90												3	5	.010			18-19
19 45	26.370	79.2	53.8	16	1															1					19-20
20 45	26.380	78.0	53.7	18	0															0					20-21
21 45	26.390	75.6	52.7	19	0	0	Sc	90												0	2	.020			21-22
22 50	26.395	71.7	52.0	25	0															0					22-23
23 50	26.410	69.1	51.2	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	75	69	X	X						X		
	0343	1	0	0	0	78	69		0								
	0942	2	0	0	0	82	70		0								
	1546	3	0	0	0	90	82		0								
	2141	4	0	0	0	90	75		0								
	MID.	X	0	0	0	76	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.520	26.380	26.370
BAROGRAPH 64	26.530	26.525	26.395	26.395
BAR. CORR. 65	-.010	-.005	-.015	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	69	0	0	0	21	5	1407					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: Time CHECK 0930P OK

Time Check 2248P OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 20

TO CONVERT LST TO GMT ADD 8 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. SERIER'S INITIALS (15)
SA	0050	CLR	20			054	66	35	16	05		981	210 1400	WRG
SA	0150	CLR	20			054	66	39	12	03		981		WRG
SA	0250	CLR	20			059	62	37	05	04		982		WRG
SA	0348	CLR	20			069	60	38	03	03		984	310 60 RADAT 53128	GH
SA	0450	CLR	20			080	58	38	04	02		986		GH
SA	0551	CLR	20			084	65	39	00	00		988		GH
SA	0650	CLR	20			090	72	41	20	04		991	220	GH
SA	0745	CLR	20			094	73	41	19	05		992	FEW SC SE	GH
SA	0845	CLR	20			094	74	42	27	06		992		GH
SA	0950	CLR	20			097	77	39	17	04		993	307 57	GH
SA	1048	CLR	20			094	80	42	23	06		992	FEW CU SE	GH
SA	1150	CLR	20			086	83	38	27	09		990	FEW CU N AND SE	GH
SA	1245	CLR	20			080	84	36	22	11		987	717 1100	GH
SA	1350	CLR	20			075	85	38	21	10		986	FEW CU	GH
SA	1450	CLR	20			073	86	38	25	10		985	FEW CU	GH
SA	1545	CLR	20			069	87	36	25	09		984	710 1100 88 RADAT 37131	CG
SA	1648	CLR	20			071	87	35	25	08		984		CG
SA	1745	CLR	20			068	86	34	22	11		984		CG
SA	1847	CLR	20			070	81	38	23	09		985	303	CG
SA	1945	CLR	20			075	78	40	22	14		986		CG
SA	2052	CLR	20			084	76	40	24	10		988		CG
SA	2147	CLR	20			086	75	43	24	17		990	314 88	CG
SA	2246	CLR	20			090	72	45	21	04		991		CG
SA	2345	CLR	20			096	65	45	10	04		992		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 20

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.420	65.6	49.9	32	0	0	Sc	90												0	2	.030			00-01
01 50	26.420	66.2	51.2	37	0															0					01-02
02 50	26.430	62.3	49.4	40	0															0					02-03
03 48	26.450	60.2	48.5	43	0															0	3	.030			03-04
04 50	26.470	58.4	48.0	47	0															0					04-05
05 51	26.490	64.5	51.0	39	0															0					05-06
06 50	26.510	71.8	54.5	32	0															0	2	.060			06-07
07 45	26.520	72.6	55.0	32	0															0					07-08
08 45	26.520	74.3	55.9	31	0															0					08-09
09 50	26.530	77.0	56.0	26	0															0	3	.020			09-10
10 48	26.520	80.0	58.0	26	0															0					10-11
11 50	26.500	82.5	57.5	20	0															0					11-12
12 45	26.480	83.8	57.5	18	0	0	Cu	80												0	7	.050			12-13
13 50	26.470	85.0	58.6	19	0															0					13-14
14 50	26.460	85.8	58.8	18	0															0					14-15
15 45	26.450	87.0	58.7	17	0	0	Cu	80												0	7	.030			15-16
16 48	26.450	86.7	58.1	16	0															0					16-17
17 45	26.450	85.6	57.6	16	0															0					17-18
18 47	26.460	81.0	57.0	21	0															0	3	.010			18-19
19 45	26.470	78.4	57.8	25	0															0					19-20
20 52	26.490	76.4	56.0	27	0															0					20-21
21 47	26.500	74.8	56.7	32	0															0	3	.040			21-22
22 46	26.510	71.5	56.0	38	0															0					22-23
23 45	26.520	64.9	53.5	48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	69	60	X	X						X		
	0345	1	0	0	0	76	60		0								
	0945	2	0	0	0	79	57		0								
	1543	3	0	0	0	88	77		0								
	2145	4	0	0	0	88	75		0								
	MID.	X	0	0	0	75	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.530	26.450	26.500
BAROGRAPH 64	26.450	26.530	26.450	26.500
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 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
88	57	0	0	0	20	SW	2136					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:

TIME CHECK 0945 - OK

" " 2330 OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 21

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SENTER'S INITIALS (15)
SA	0049	CLR	20			097	67	46	15	09		993	210	CB
SA	0145	CLR	20			106	65	47	10	05		995		CB
SA	0246	CLR	20			113	64	47	13	12		997		CB
SA	0350	CLR	20			115	62	47	12	10		997	114 62 RADAT 41132	GH
SA	0445	CLR	20			123	61	47	10	10		999	FEW 8!	GH
SA	0545	CLR	20			129	64	49	05	07		002		GH
SA	0650	CLR	20			137	68	49	11	08		004	220	GH
SA	0748	CLR	20			137	71	48	14	15		004		GH
SA	0852	CLR	20			140	74	46	14	08		005		GH
SA	0950	CLR	20			143	77	47	17	08		006	307 1100 60	GH
SA	1045	CLR	20			140	80	46	17	07		005	FEW CU SE	GH
SA	1150	CLR	20			134	83	50	07	06		003	FEW CU N AND SE	GH
SA	1245	CLR	20			126	86	45	25	06		002	714 1200	GH
SA	1348	CLR	20			119	88	44	21	10		999	CB NW AND SE	GH
SA	1451	CLR	20			113	88	42	23	08		997	CB NW AND SE	GH
SA	1545	CLR	20			112	90	40	26	12		997	CB DSPTD TCU N AND SE/	CB
/													614 1200 90 RADAT 41137	/
SA	1647	CLR	20			109	90	43	27	10		996		CB
SA	1747	CLR	20			105	88	42	26	12		995		CB
SA	1845	CLR	20			109	84	43	21	10		996	503 1001	CB
SA	1946	CLR	20			116	80	42	26	06		998		CB
SA	2045	CLR	20			120	78	42	26	05		999		CB
SA	2146	CLR	20			126	72	42	04	02		001	214 90	CB
SA	2246	CLR	20			124	71	42	08	04		001		CB
SA	2345	CLR	20			123	71	44	04	05		001		CB

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_psp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 21

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0049	26.530	66.8	55.0	48	0															0	2	.030			00-01
0145	26.550	64.9	54.4	52	0															0					01-02
0245	26.570	63.8	54.3	55	0															0					02-03
0350	26.570	62.4	53.4	57	0															0	1	.040			03-04
0445	26.590	60.6	53.0	62	0															0					04-05
0545	26.610	64.0	55.0	58	0															0					05-06
0650	26.630	68.0	56.8	51	0															0	2	.060			06-07
0748	26.630	71.2	57.4	44	0															0					07-08
0852	26.640	73.6	57.6	38	0															0					08-09
0950	26.650	77.0	59.0	34	0	0	Cu	80												0	3	.020			09-10
1045	26.640	80.3	60.0	30	0															0					10-11
1150	26.620	82.5	62.1	32	0															0					11-12
1245	26.610	86.0	61.5	24	0	0	Cu	80												0	7	.040			12-13
1348	26.590	88.3	61.8	22	0															0					13-14
1451	26.570	88.0	61.0	20	0															0					14-15
1545	26.570	89.9	61.0	18	0	0	Cu	80												0	6	.040			15-16
1649	26.560	89.6	61.8	20	0															0					16-17
1747	26.550	88.3	61.0	20	0															0					17-18
1845	26.560	83.9	59.8	24	0	0	Ci	300												0	5	.010			18-19
1946	26.580	79.7	58.1	26	0															0					19-20
2045	26.590	77.7	57.3	28	0															0					20-21
2146	26.600	71.9	55.0	34	0															0	2	.040			21-22
2246	26.600	70.9	54.5	36	0															0					22-23
2345	26.600	70.7	55.5	38	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	67	62	X	X						X		
	0345	1	0	0	0	75	62		0								
	0945	2	0	0	0	78	60		0								
	1543	3	0	0	0	90	77		0								
	2143	4	0	0	0	90	72		0								
	MID.	X	0	0	0	72	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.650	26.570	26.600
BAROGRAPH 64	26.570	26.650	26.570	26.600
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	60	0	0	0	17	W	1532					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:

* BAROGRAPH CHANGED 0955 PST — TIME CHECK OK

TIME CHECK 2330 OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 22

TO CONVERT LST TO GMT ADD 8 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)	ALTIM. ETER SET-TING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SIGNER'S INITIALS (15)
SA	0045	CLR	20			123	68	42	10	05		001	400	CG
SA	0148	CLR	20			122	66	42	09	06		001		CG
SA	0245	CLR	20			124	64	40	04	04		001		CG
SA	0350	CLR	20			126	63	40	00	00		002	103 62 RADAT 23138	GH
SA	0445	CLR	20			131	62	39	00	00		003	FEW Ci	GH
SA	0545	250 - SCT	20			138	67	42	34	02		005		GH
SA	0645	250 - SCT	20			140	73	42	00	00		006	314 1001	GH
SA	0750	250 - BKN	20			144	78	43	30	04		007		GH
SA	0848	250 - BKN	20			144	83	44	09	03		007		GH
SA	0950	250 - BKN	20			141	85	42	13	04		006	000 1108 60	GH
SA	1048	250 - BKN	20			136	88	39	11	04		005	FEW Cu OVR MTNS SE	GH
SA	1146	250 - BKN	20			128	90	36	23	09		003	FEW Cu	GH
SA	1245	250 - BKN	20			119	92	31	21	12		001	717 1108	GH
SA	1345	250 - SCT	20			113	93	32	21	21		998	TCU NE	GH
SA	1450	250 - SCT	20			107	92	26	23	15		996	TCU NE	GH
SA	1545	80 SCT 250 SCT	20			099	92	30	22	14		994	720 1208 94 RADAT 34138	CG
SA	1647	80 SCT 250 SCT	20			096	91	24	20	18		993	TCU NE	CG
SA	1748	80 SCT 250 SCT	20			096	88	29	22	15		993	CB NE	CG
SA	1845	250 - BKN	20			095	85	24	22	16		993	CB NE / 603 1908	CG
SA	1945	E250 BKN	20			098	82	27	20	09		994		CG
SA	2048	E250 BKN	20			104	80	33	14	06		996		CG
SA	2145	E250 BKN	20			102	82	33	14	07		996	110 1008 94	CG
SA	2246	E250 BKN	20			103	76	34	26	03		996		CG
SA	2345	250 - BKN	20			108	72	33	16	03		997		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $9S_oS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 22

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.600	68.2	53.7	39	0															0	4	.000			00-01
01 48	26.600	66.3	52.7	41	0															0					01-02
02 45	26.600	64.2	51.0	40	0															0					02-03
03 50	26.610	62.9	50.5	42	0															0	1	.010			03-04
04 45	26.620	62.0	50.0	43	0															0					04-05
05 45	26.640	66.8	53.2	41	2															0					05-06
06 45	26.650	72.5	55.2	33	5	5	Ci	250												1	3	.040			06-07
07 50	26.660	78.4	58.0	29	7															2					07-08
08 48	26.660	83.0	60.0	26	8															2					08-09
09 50	26.650	84.7	59.8	22	8	0	Cu	80	8	Cs	250	8								2	0	.000			09-10
10 48	26.640	88.0	60.0	18	8															2					10-11
11 46	26.620	89.5	59.5	15	8															2					11-12
12 45	26.600	92.4	59.2	11	6	0	Cu	80	6	Cs	250	6								1	7	.050			12-13
13 45	26.580	92.8	59.5	11	3															1					13-14
14 50	26.560	92.0	58.0	9	3															1					14-15
15 45	26.540	92.3	58.8	11	2	1	Cu	80	1	Cs	250	2								2	7	.060			15-16
16 47	26.530	90.7	58.3	11	2															2					16-17
17 48	26.530	87.8	57.0	12	5															4					17-18
18 45	26.530	85.3	56.0	11	8	0	CB	80	8	Cs	250	8								4	6	.010			18-19
19 45	26.540	81.9	54.4	14	8															5					19-20
20 48	26.560	79.9	55.0	18	8															5					20-21
21 45	26.580	82.0	58.0	17	8	8	Cs	E250												6	1	.030			21-22
22 46	26.560	75.6	53.6	22	8															6					22-23
23 45	26.570	71.9	51.8	24	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	71	62	X	X						X		
	0345	1	0	0	0	72	62		0								
	0945	2	0	0	0	87	60		0								
	1543	3	0	0	0	94	85		0								
	2143	4	0	0	0	93	80		0								
	MID.	X	0	0	0	82	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.540	26.570
BAROGRAPH 64	26.610	26.650	26.540	26.570
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 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
94	60	0	0	0	27	SW	1433					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0945 PST OK

" " 2330 OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1979 MAY 23

TO CONVERT LST TO GMT ADD 8 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	E250 OVC	20			108	69	33	04	03		997	103 1007	CG
SA	0147	E250 OVC	20			107	71	32	08	06		997		CG
SA	0245	250 - BKN	20			109	68	28	06	06		997		CG
SA	0350	250 - BKN	20			106	66	30	33	04		996	603 1008 CG RADAT 291 3	GH
SA	0448	250 - BKN	20			111	63	30	26	05		997		GH
SA	0550	250 - OVC	20			114	69	35	18	03		998		GH
SA	0645	250 - OVC	20			117	75	32	26	02		999	310 1007	GH
SA	0750	250 - OVC	20			120	80	29	22	10		001		GH
SA	0848	250 - OVC	20			114	83	26	23	13		999		GH
SA	0951	250 - OVC	20			112	87	23	19	12		999	000 1007 62	GH
SA	1045	E 250 OVC	20			112	88	19	20	12		999		GH
SA	1145	E 250 OVC	20			111	87	15	21	11		998	FEW AC	GH
SA	1248	E 250 OVC	20			109	87	26	23	16		997	807 1077	GH
SA	1345	E 250 OVC	20			103	86	18	22	18		995	FEW CU AND AC E	GH
SA	1450	160 SCT E 250 OVC	20			095	87	14	22	20		993	CU DSNT NE	GH
SA	1546	160 SCT E250 BKN	20			096	86	20	22	18		993	614 1078 91 RADAT MISH	CG
SA	1647	160 SCT E250 BKN	20			089	86	17	22	20		991		CG
SA	1745	160 SCT E250 BKN	20			088	85	24	22	19		990		CG
SA	1845	160 SCT 250 - BKN	20			087	82	25	21	17		990	610 1078	CG
SA	1947	160 SCT 250 - BKN	20			088	80	27	21	18		991		CG
SA	2049	160 SCT E250 BKN	20			098	80	30	22	10		994		CG
SA	2149	160 SCT E250 ~~BKN~~ OVC	20			097	78	28	21	11		994	114 1078 91	CG
SA	2247	160 SCT E250 OVC	20			096	77	30	21	10		994		CG
SA	2348	160 SCT E250 OVC	20			096	75	28	13	08		994		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 23

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.570	69.4	50.7	26	10	10	CS	E250												8	1	.010			00-01
01 47	26.570	70.9	51.2	24	10															8					01-02
02 45	26.570	68.2	49.0	22	8															4					02-03
03 50	26.560	66.0	48.5	26	8	8	CS	250												3	6	.070			03-04
04 48	26.570	63.3	47.2	28	8															3					04-05
05 50	26.580	68.5	51.0	28	10															3					05-06
06 45	26.590	75.0	53.0	21	10	10	CS	250												3	3	.030			06-07
07 50	26.600	80.0	54.0	15	10															3					07-08
08 48	26.590	82.9	54.5	13	10															3					08-09
09 51	26.590	86.6	55.2	10	10	10	CS	250												4	0	.000			09-10
10 45	26.590	88.0	55.0	8	10															6					10-11
11 45	26.580	87.3	54.1	7	10															9					11-12
12 48	26.570	87.0	56.0	11	10	0	AC	160	10	CS	E250	10								10	8	.020			12-13
13 45	26.550	85.8	54.0	8	10															9					13-14
14 50	26.530	86.9	53.8	7	10															8					14-15
15 46	26.530	85.7	54.4	9	8	5	AC	160	3	CS	E250	8								7	6	.040			15-16
16 47	26.510	85.5	53.7	8	7															6					16-17
17 45	26.500	85.3	55.0	11	7															5					17-18
18 45	26.500	81.8	53.7	12	6	1	AC	160	5	CS	250	6								3	6	.030			18-19
19 47	26.510	79.6	53.4	14	6															3					19-20
20 49	26.540	79.6	54.1	16	7															5					20-21
21 49	26.540	77.9	53.0	16	10	3	AC	160	7	CS	E250	10								8	1	.040			21-22
22 47	26.540	76.9	53.0	18	10															8					22-23
23 48	26.540	74.9	51.7	18	10															9					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	72	66	X	X						X		
	0345	1	0	0	0	82	66		0								
	0945	2	0	0	0	87	62		0								
	1543	3	0	0	0	91	85		0								
	2146	4	0	0	0	88	78		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1544	2147
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.530	26.540
BAROGRAPH 64	26.580	26.580	26.520	26.540
BAR. CORR. 65	0	+.010	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	62	0	0	0	30	SW	*1603					9	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: 1130 OK

2330 OK

*LAST OF SEVERAL OCCURENCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 24

TO CONVERT LST TO GMT ADD 8 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	0049	160 SCT E250 OVC	20			096	75	29	18	09		994	400 1078	CG
SA	0148	160 SCT E250 BKN	20			095	72	29	28	05		993		CG
SA	0245	160 SCT E250 OVC	20			093	67	27	26	05		992		CG
SA	0350	160 SCT E250 OVC	20			093	68	33	25	04		992	607 1078 65	RK
/													RADAT 48124	/
SA	0445	160 SCT E250 OVC	20			095	69	34	21	06		993		RK
SA	0545	160 SCT E250 OVC	20			097	71	30	19	04		994		RK
SA	0645	160 SCT E250 OVC	20			099	72	31	25	06		994	305 1078	RK
SA	0747	160 SCT E250 OVC	20		100	098	74	30	27	05		994		RK
SA	0845	160 SCT E250 OVC	20		101	103	75	31	25	04		995		RK
SA	0945	160 SCT E250 OVC	20			103	78	33	21	07		996	205 1078 65	RK
SA	1048	160 SCT E250 OVC	20			100	78	32	29	08		994	TCU DSNT NW-NE	RK
SA	1148	160 SCT E250 OVC	20			090	82	34	27	10		992	TCU DSNT NW-NE	RK
SA	1245	160 SCT 250-BKN	20			078	82	~~29~~ 29	27	07		988	TCU DSNT NW-N	RK
/													822 1271	/
SA	1345	60 SCT 160 SCT 250 SCT	20			067	84	31	21	08		985		RK
SA	1445	60 SCT	20			068	84	28	25	12		985		RK
SA	1548	E130 BKN 160 BKN 250 BKN	20			071	85	17	29	04		986	TCU VIRGA SE 507 1233	MR
/													86 RADAT 43120	/
SA	1646	130 SCT 160 SCT E250 BKN	20			071	83	23	10	04		985	TCU SW VIRGA ALQDS	MR
SA	1748	130 SCT 160 SCT E250 OVC	20			069	82	26	07	08		985	VIRGA E-S	MR
SA	1846	E130 BKN 160 BKN 250 OVC	20			074	81	28	07	07		986	VIRGA NW-N 302 1052	MR
SA	1948	E130 BKN 250 OVC	20			090	78	35	02	06		991		MR
SA	2046	E130 BKN 250 OVC	20			101	77	37	34	03		994		MR
SA	2148	E130 BKN 250 OVC	20			108	75	37	09	09		996	137 1072 86	MR
SA	2246	E130 BKN 250 OVC	20			109	74	37	02	09		996		MR
SA	2340	130 SCT E250 OVC	20			110	72	37	06	10		997		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1979 MAY 24

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0049	26.540	74.9	52.0	18	10	3	Ac	160	7	Cs	E250	10								8	4	-.000			00-01
0148	26.530	71.7	50.6	20	7															4					01-02
0245	26.520	67.0	48.0	22	10															7					02-03
0350	26.520	67.8	50.8	30	10	2	Ac	160	8	Cs	E250	10								6	6	.020			03-04
0445	26.530	69.2	51.0	27	10															6					04-05
0545	26.535	70.8	50.6	22	10															6					05-06
0645	26.535	72.0	51.3	22	10	3	Ac	160	7	Cs	E250	10								7	3	.015			06-07
0747	26.540	73.9	51.9	20	10															6					07-08
0845	26.545	75.1	52.8	19	10															6					08-09
0945	26.550	77.7	54.1	19	10	3	Ac	160	7	Cs	E250	10								6	2	.015			09-10
1048	26.540	78.4	54.1	18	10															6					10-11
1148	26.520	82.2	56.4	18	10															6					11-12
1245	26.485	82.2	54.9	14	7	0	Cu	160	2	Ac	160	2	5	Ci	250	7				3	8	.065			12-13
1345	26.455	84.2	56.1	14	4															3					13-14
1445	26.455	84.4	55.4	13	5															5					14-15
1548	26.465	85.3	53.6	8	7	6	Cu	E130	0	Ac	160	6	1	Ci	250	7				7	5	.020			15-16
1646	26.460	83.2	54.0	11	9															8					16-17
1748	26.460	82.4	54.3	13	10															7					17-18
1846	26.470	80.8	54.0	14	10	8	Ac	E130	0	Ac	160	8	2	Ci	250	10				10	3	.005			18-19
1948	26.510	78.3	55.0	21	10															10					19-20
2046	26.540	77.2	53.8	24/19	10															10		.090			20-21
2148	26.560	74.7	54.2	25	10	6	Ac	E130	4	Ci	250	10								7	1	.40			21-22
2246	26.560	73.7	53.8	26	10															7					22-23
2349	26.565	71.6	53.2	29	10															6					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	76	65	X	X						X		
	0348	1	0	0	0	78	65		0								
	0942	2	0	0	0	78	65		0								
	1543	3	0	0	0	86	77		0								
	2143	4	0	0	0	85	74		0								
	MID.	X	0	0	0	75	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.550	26.465	26.560
BAROGRAPH 64	26.525	26.550	26.465	26.550
BAR. CORR. 65	-005	0	0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	65	0	0	0	28	E	2119					9	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: 1232 OK / Clock OK 2201 P

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 2 5

TO CONVERT LST TO GMT ADD 8 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	130 SCT 250-BKN	20			113	70	38	07	09		997	303 1071	MR
SA	0147	130 SCT E250 OVC	20			112	71	39	09	09		998		MR
SA	0249	E130 BKN 250 OVC	20			112	69	39	09	06		997		MR
SA	0345	130 SCT E250 OVC	20			109	69	40	05	10		997	802 1078 68 RADAT 62121	RK
SA	0445	130 SCT 250-OVC	20			115	67	41	05	10		998		RK
SA	0545	130 SCT 250-BKN	20			120	68	42	05	09		999		RK
SA	0645	60 SCT 130 SCT 250 SCT	20			121	73	41	10	07		000	310 1579	RK
SA	0745	60 SCT 130 SCT	20			121	76	42	13	10		000		RK
SA	0845	60 SCT 130 SCT	20			116	79	42	08	15		999		RK
SA	0945	60 SCT	20			120	80	43	08	11		000	500 1200 66	RK
SA	1045	60 SCT	20			117	82	41	07	11	G27	999		RK
SA	1145	60 SCT	20			109	83	39	09	08	G17	997		RK
SA	1245	60 SCT	20			106	84	40	09	13	G18	996	714 1200	RK
SA	1345	60 SCT	20			100	85	37	05	05	G17	994		RK
SA	1445	60 SCT	20			092	86	39	11	10		992		RK
SA	1545	60 SCT	20			081	88	37	07	04		989	TCU DSNT NW 720 1200	RK
/												88	RADAT 88121	/
SA	1648	E80 BKN 140 BKN	20			088	84	44	36	17	G22	990	TCU NE-E	MR
SA	1749	E80 BKN 160 BKN	20			093	82	43	02	12		991	TCU S	MR
SA	1846	E80 BKN 160 BKN	20			092	81	43	01	10		992	CB DSNT ESE 108 1970	MR
SA	1949	80 SCT E 140 BKN	20			099	81	42	02	09		994		MR
SA	2049	80 SCT 140 SCT	20			103	77	40	04	06		995		MR
SA	2150	140 SCT	20			106	74	38	10	02		996	112 1070 68	MR
SA	2248	140 SCT	20			109	70	40	36	03		996		MR
SA	2348	140 SCT	20			108	71	38	00	00		996		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U. S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 25

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.570	69.7	52.7	31	9	1	Ac	130	8	Ci	250	9								2	3	.010			00-01
01 47	26.575	71.3	53.5	30	10	[illegible]	[illegible]	[illegible]	[illegible]	Ci	[illegible]	10								8					01-02
02 49	26.570	69.1	52.7	33	10															9					02-03
03 45	26.565	69.0	53.2	35	10	4	Ac	130	6	Cs	F250	10								7	8	.005			03-04
04 45	26.575	67.1	52.8	39	10															4					04-05
05 45	26.585	67.8	53.6	40	6															2					05-06
06 45	26.595	73.0	55.2	32	5	1	Sc	60	3	Ac	130	4	1	Cc	250	5				4	3	0.30			06-07
07 45	26.595	75.8	56.6	30	4															4					07-08
08 45	26.585	79.0	57.6	26	4															4					08-09
09 45	26.595	80.3	58.5	26	2	2	Cu	60												2	5	.000			09-10
10 45	26.585	82.1	58.4	23	3															3					10-11
11 45	26.565	83.4	58.3	21	3															3					11-12
12 45	26.555	84.3	59.1	21	4	4	Cu	60												4	7	.040			12-13
13 45	26.540	84.7	58.1	18	3															3					13-14
14 45	26.520	85.8	59.3	20	3															3					14-15
15 45	26.495	87.7	59.1	16	4	4	Cu	60												4	7	.060			15-16
16 48	26.505	83.9	60.1	24	8															8					16-17
17 49	26.515	81.6	59.1	26	7															7					17-18
18 46	26.520	81.2	58.8	26	7	6	Cu	F80	1	Ac	160	7								7	1	.025			18-19
19 49	26.540	80.6	58.2	25	9															8					19-20
20 49	26.550	77.4	56.9	27	5															5					20-21
21 50	26.535	74.0	54.5	27	2	2	Ac	140												2	1	.035			21-22
22 48	26.560	73.2	53.5	33	2															2					22-23
23 48	26.560	70.9	53.1	30	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		72	68										
	0343	1	0	0	0	75	68		0								
	0943	2	0	0	0	80	66		0								
	1543	3	0	0	0	88	80		0								
	2144	4	0	0	0	88	74		0								
	MID.		0	0	0	74	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.595	26.495	26.535
BAROGRAPH 64	26.565	26.595	26.500	26.540
BAR. CORR. 65	0	-0.*	-005	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	66	0	0	0	27	E	1042					5	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 0015 P OK
1309 PST OK

*BAROGRAM CHANGED AND RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 26

TO CONVERT LST TO GMT ADD 8 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	0047	140 SCT	20			104	69	40	07	03		995	802 1070	MR
SA	0146	140 SCT	20			103	70	39	10	02		995		MR
SA	0248	CLR	20			106	64	41	03	02		995		MR
SA	0345	CLR	20			106	63	41	12	03		995	400 1070 63 RADAT 78124	RK
SA	0445	CLR	20			110	62	42	08	04		996		RK
SA	0545	CLR	20			113	67	46	00	00		997		RK
SA	0645	CLR	20			110	73	43	00	00		997	105 1070	RK
SA	0749	CLR	20			107	78	43	00	00		997		RK
SA	0845	CLR	20			100	82	43	10	02		995		RK
SA	0945	CLR	20			095	85	42	36	03		994	810 1200 61	RK
SA	1045	60 SCT	20			092	86	41	05	03		992		RK
SA	1145	60 SCT	20			082	87	42	26	04		989		RK
SA	1245	60 SCT	20			070	89	43	16	04		986	724 1200	RK
SA	1345	E60 BKN	20			064	89	41	32	03		984		RK
SA	1445	E60 BKN	20			058	89	42	32	02		982		RK
SA	1547	E60 BKN	20			045	91	41	29	07		978	CB E VIRGA E + NW	MR
/													824 1900 92 RADAT	/
/													63136	/
SA	1646	E60 BKN 250 BKN	20			047	87	44	27	14	G21	978	CB SE-SW MOVG SW	MR
/													RWU SE VIRGA S-SW	/
SA	1747	60 SCT E100 BKN 250 BKN	20			043	85	43	23	08		978	CB E AND S-SW MOVG SW	MR
SA	1846	60 SCT E100 BKN 250 BKN	20			048	83	43	25	02		979	CB NE-SE MOVG SW CB	MR
/													S-SW DSPTG 303 1961	/
SA	1949	E60 BKN 100 BKN	20		RW-	045	80	48	23	17	G30	979	CB LTGIC DSNT E RB41	MR
SA	2047	60 SCT E100 BKN	20			052	79	43	36	04		981	OCNL LTG DSNT SE RE03	MR
SA	2147	60 SCT 100 SCT	20			056	81	43	09	07		983	CB E OCNL LTGIC 31200	MR
/													1960 92	/
SA	2248	100 SCT	20			053	77	45	11	08		981		MR
SA	2347	120 SCT	20			053	78	42	26	07		982		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: 1080, DESERT ROCK, NV

DATE: 1979 MAY 26

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.550	68.9	53.2	35	3	3	Ac	140												3	8	.005			00-01
01 46	26.550	69.5	53.0	33	1															1					01-02
02 48	26.550	64.0	51.3	42	0															0					02-03
03 45	26.550	62.8	51.0	45	0	0	Ac	140												0	4	000			03-04
04 45	26.555	61.6	51.0	49	0	0														0					04-05
05 45	26.565	67.1	54.8	46	0															0	1	015			05-06
06 45	26.565	73.2	55.9	34	0	0	Ac	140												0	1	015			06-07
07 49	26.565	78.3	57.9	29	0															0					07-08
08 45	26.545	81.6	59.2	26	0															0					08-09
09 45	26.535	84.6	59.9	23	0	0	Cu	60												0	8	030			09-10
10 45	26.520	85.5	59.9	21	2															2					10-11
11 45	26.495	87.4	60.7	20	5															5					11-12
12 45	26.465	88.6	61.4	20	5	5	Cu	60												5	7	070			12-13
13 45	26.450	88.8	60.8	19	6															6					13-14
14 45	26.430	~~89.6~~	~~61.2~~	19	6															6					14-15
15 47	26.395	91.3	61.5	18	7	7	CB	E60												7	8	.070			15-16
16 46	26.390	86.5	61.1	23	6															6					16-17
17 47	26.390	25.4	60.5	23	7															7					17-18
18 46	26.405	83.2	59.7	25	8	4	CB	60	4	Ac	E100	8	0	Ci	250	8				8	3	.010			18-19
19 49	26.400	80.4	60.5	32	9															9					19-20
20 47	26.420	78.5	58.1	29	6															6					20-21
21 47	26.440	80.6	58.7	26	4	1	CB	60	3	Ac	100	4								4	3	.035			21-22
22 48	26.425	76.5	58.0	33	2															2					22-23
23 47	26.430	78.4	57.4	27	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	71	63	X	X						X		
	0342	1	0	0	0	74	63		0								
	0942	2	0	0	0	85	61		0								
	1543	3	0	0	0	92	85		0								
	2143	4	T	0	0	91	78		0								
	MID.	X	0	0	0	81	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1546	2146
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.535	26.395	26.440
BAROGRAPH 64	26.535	26.535	26.395	26.415
BAR. CORR. 65	+015	0	0	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	61	T	0	0	30	NW	1946					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1941	2003			

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: 0348 PST OK

1343 PST OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 2 7

TO CONVERT LST TO GMT ADD 8 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)	SERVER'S INITIALS (15)
SA	0049	E100 BKN 150 BKN	20			060	72	39	13	10		983	500 1050	MR
SA	0146	E100 BKN 150 BKN	20			063	72	47	31	06		984		MR
SA	0250	120 SCT	20			065	68	50	17	04		984		MR
SA	0347	120 SCT 250-BKN	20			068	67	49	08	06		985	307 1071 67 RADAT 72133	CRD
SA	0448	120 SCT 250-SCT	20			071	68	48	12	07		986		CRD
SA	0547	120 SCT	20			076	69	49	07	05		987		CRD
SA	0645	160 SCT	20			074	74	48	04	03		987	105 1070	CRD
SA	0745	CLR	20			073	76	49	07	02		986	AC Ci NE-S	CRD
SA	0845	CLR	20			070	80	46	25	10		986	Cu AC Ci NE-SW	CRD
SA	0948	CLR	20			063	85	46	13	06		985	CB OVR MTNS SE/707 1900 65	CRD
SA	1047	CLR	20			061	86	48	21	13	G22	984	CB OVR MTNS SE	CRD
SA	1146	CLR	20			052	90	46	26	10	G25	982	CB OVR MTNS SE	CRD
SA	1245	CLR	20			046	90	46	22	17	G30	980	TCU SE / 717 1200	CRD
SA	1345	90 SCT 250 SCT	20			041	90	44	20	15	G24	978	CB DSNT N CB SE MOVG N	CRD
SA	1445	90 SCT 250 SCT	20			030	91	45	21	17	G22	974	CB SE MOVG N	CRD
SA	1548	90 SCT 250 SCT	20			022	90	42	20	17	G25	972	CB SE / 722 1905 92	MY
—	—												RADAT 54139	—
SA	1651	E250 BKN	20			024	86	41	20	16	G27	972		MY
SA	1745	E250 BKN	20			020	86	41	20	10	G19	971		MY
SA	1850	E250 OVC	20			022	83	42	19	10		972	500 1007	MY
SA	1948	E250 OVC	20			023	82	42	20	14	G21	972		MY
SA	2047	E250 BKN	20			028	81	44	22	19	G28	974		MY
SA	2145	250 SCT	20			030	79	44	18	14	G28	975	310 1008 92	MY
SA	2247	250 SCT	20			026	78	44	24	12		974		MY
SA	2345	250 SCT	20			025	77	43	20	14	G22	974		MY

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 27

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.440	71.5	58.8	31	8	6	Ac	E100	2	Ac	150	8								7	5	.000			00-01
01 46	26.450	71.5	57.0	42	9															8					01-02
02 50	26.450	68.4	57.1	51	4															4					02-03
03 47	26.460	66.6	56.2	53	7	2	Ac	120	5	Ci	250	7								3	3	.020			03-04
04 48	26.465	68.0	56.0	48	5															2					04-05
05 47	26.475	68.6	59.1	50	1															1					05-06
06 45	26.475	73.6	58.4	41	2	2	Ac	160												2	1	.015			06-07
07 45	26.470	76.3	59.8	39	0															0					07-08
08 45	26.465	80.0	59.7	30	0															0					08-09
09 48	26.455	84.6	61.2	26	0	0	Cb	90												0	7	.020			09-10
10 47	26.450	86.1	62.4	26	0															0					10-11
11 46	26.430	89.6	62.8	22	0															0					11-12
12 45	26.405	90.2	63.2	22	0	0	Cu	90												0	7	.050			12-13
13 45	26.390	90.4	62.5	20	1															1					13-14
14 45	26.360	91.1	63.1	20	2															2					14-15
15 48	26.340	90.0	61.5	19	3	1	Cb	90	2	Cs	250	3								3	7	.065			15-16
16 51	26.340	86.2	60.0	21	7															6					16-17
17 45	26.330	86.2	60.0	21	9															7					17-18
18 50	26.340	83.2	59.2	23	10	10	Cs	E250												8	5	.000			18-19
19 48	26.340	81.8	58.8	25	10															8					19-20
20 47	26.360	80.6	59.0	27	7															5					20-21
21 45	26.370	78.8	58.4	29	5	5	Cs	250												4	3	.030			21-22
22 47	26.370	78.0	58.0	29	4															3					22-23
23 45	26.360	77.4	57.6	30	4															3					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	78	67	X	X						X		
	0345	1	0	0	0	81	67		0								
	0945	2	0	0	0	85	65		0								
	1544	3	0	0	0	92	85		0								
	2142	4	0	0	0	90	79		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.455	26.340	26.370
BAROGRAPH 64	26.440	26.445	26.330	26.360
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
92	65	0	0	0	30	SW	2236 *					2	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 0003 BT OK CORRECT AT 2015

* LAST OF SEVERAL OCCURANCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 2 8

TO CONVERT LST TO GMT ADD 8 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)	Co. Serv. Initials (15)
SA	0050	250 SCT	20			026	73	43	05	05		974	603 1008	[illegible]
SA	0147	250 SCT	20			028	71	43	05	07		974		[illegible]
SA	0252	250 SCT	20			031	70	43	28	05		975		[illegible]
SA	0347	250 SCT	20			037	70	41	27	04		976	307 1008 69 RADAT 45138	CRD
SA	0446	250-OVC	20			050	69	39	24	12		980		CRD
SA	0545	250-OVC	20			056	72	40	03	07		982		CRD
SA	0645	250-OVC	20			057	75	38	21	14		982	117 1007	CRD
SA	0748	250-BKN	20			062	76	39	24	17		983		CRD
SA	0845	250-SCT	20			054	80	36	20	15	G27	982		CRD
SA	0947	250-SCT	20			058	82	33	19	18	G25	983	303 1008 68	CRD
SA	1045	250-SCT	20			060	84	36	20	20	G26	984		CRD
SA	1145	250-SCT	20			064	83	38	19	15	G24	985		CRD
SA	1247	250-SCT	20			059	85	~~27~~ 31	20	18		983	802 1108	CRD
SA	1346	250-SCT	20			053	86	28	22	17	G24	981		CRD
SA	1445	CLR	20			043	86	29	20	20	G25	978	Cs SE-SW	CRD
SA	1549	CLR	20			035	86	30	20	17	G25	975	722 1008 88 RADAT 39141	[illegible]
SA	1647	250 SCT	20			031	85	33	20	14		974		[illegible]
SA	1747	250 SCT	20			026	83	30	21	13		973		[illegible]
SA	1851	250 SCT	20			031	80	30	22	12		974	503 1008	[illegible]
SA	1950	250 SCT	20			031	77	28	24	09		974		[illegible]
SA	2045	250 SCT	20			033	74	30	24	07		975		[illegible]
SA	2148	250 SCT	20			039	73	30	23	13		976	307 1008 88	[illegible]
SA	2245	250 SCT	20			034	73	31	24	12		975		[illegible]
SA	2345	250 SCT	20			035	72	30	26	12		975		[illegible]

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ h_s $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 28

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.360	73.2	56.1	34	3	3	CS	250												3	6	.010			00-01
01 47	26.360	71.4	55.4	36	3															3					01-02
02 52	26.370	69.8	54.5	38	4															4					02-03
03 47	26.380	70.0	54.1	35	5	5	CS	250												4	3	.020			03-04
04 46	26.410	68.9	52.7	33	10															4					04-05
05 45	26.430	71.5	54.0	31	10															4					05-06
06 45	26.430	75.4	55.0	26	10	10	CS	250												4	1	.050			06-07
07 48	26.440	76.2	55.6	26	7															3					07-08
08 45	26.430	80.1	56.1	21	5															2					08-09
09 47	26.440	82.0	55.8	17	2	2	CS	250												1	3	.010			09-10
10 45	26.445	83.5	57.4	18	2															1					10-11
11 45	26.455	83.2	58.0	20	2															0					11-12
12 47	26.435	85.4	56.6	14	2	0	CU	80	2	CS	250	2								0	8	.005			12-13
13 46	26.420	86.3	56.3	12	2															0					13-14
14 45	26.390	86.1	56.4	13	0															0					14-15
15 49	26.370	85.7	56.5	13	0	0	CS	250												0	7	.065			15-16
16 47	26.360	85.3	57.0	15	4															3					16-17
17 47	26.350	83.1	55.5	15	4															3					17-18
18 51	26.360	80.2	54.4	16	3	3	CS	250												2	5	.010			18-19
19 50	26.360	77.3	52.7	16	4															3					19-20
20 45	26.365	73.5	51.7	20	3															3					20-21
21 48	26.380	73.2	51.5	20	3	3	CS	250												3	3	.020			21-22
22 45	26.370	73.2	51.7	21	3															3					22-23
23 45	26.370	72.0	51.0	21	3															3					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	78	69	X	X						X		
	0345	1	0	0	0	79	69		0								
	0945	2	0	0	0	83	68		0								
	1545	3	0	0	0	88	82		0								
	2145	4	0	0	0	86	73		0								
	MID.	X	0	0	0	73	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0846	0946	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.440	26.370	26.380
BAROGRAPH 64	26.360	26.425	26.370	26.365
BAR. CORR. 65	+020	+015	0	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	68	0	0	0	32	SW	1537					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0949 PST 2 SEC FAST CORRECT AT 1751

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 2 9

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	250 SCT	20			038	70	33	26	10		976	500 1008	HG
SA	0150	250 SCT	20			055	66	36	31	08		981		HG
SA	0250	250 SCT	20			065	64	35	32	06		983		HG
SA	0348	160 SCT 250 SCT	20			078	62	35	03	12		986	230 1078 60 RADAT 30138	CRD
SA	0445	CLR	20			086	62	28	06	07		988		CRD
SA	0545	CLR	20			088	64	25	04	20	G26	989		CRD
SA	0647	CLR	20			093	65	25	04	21	G29	991	214	CRD
SA	0745	CLR	20			109	67	21	03	20	G26	995		CRD
SA	0846	CLR	20			108	71	19	03	18		995		CRD
SA	0946	CLR	20			113	73	20	04	10		996	317 60	CRD
SA	1049	CLR	20			108	75	24	02	12	G21	995		CRD
SA	1146	CLR	20			101	77	27	33	11		993		CRD
SA	1245	CLR	20			092	79	27	33	10		991	717	CRD
SA	1346	CLR	20			082	81	26	32	08		987		CRD
SA	1450	CLR	20			075	82	23	32	06		985		CRD
SA	1551	CLR	20			075	82	28	25	06		985	617 83 RADAT 20147	HG
SA	1648	CLR	20			070	83	23	00	00		984		HG
SA	1746	CLR	20			070	82	23	28	07	G14	984		HG
SA	1845	CLR	20			075	78	24	29	08		985	500	HG
SA	1945	CLR	20			077	71	23	33	05		985		HG
SA	2050	CLR	20			084	68	25	04	05		987		HG
SA	2148	CLR	20			085	66	24	07	03		987	107 83	HG
SA	2245	CLR	20			085	65	22	04	08		987		HG
SA	2346	CLR	20			081	67	20	02	04		987		HG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 29

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0048	26.380	69.9	51.2	26	3	3	CS	250												3	5	.000			00-01
0150	26.420	65.8	50.2	33	3															3					01-02
0250	26.440	63.6	49.0	34	3															3					02-03
0348	26.470	61.8	48.2	36	2	1	AC	160	1	CS	250	2								2	2	.010			03-04
0445	26.490	62.2	46.2	27	0															0					04-05
0545	26.495	63.8	46.0	22	0															0					05-06
0647	26.510	65.3	46.7	21	0															0	2	.040			06-07
0745	26.550	66.8	46.5	17	0															0					07-08
0846	26.550	71.1	48.0	14	0															0					08-09
0946	26.560	72.5	48.8	20/13	0															0	3	.050			09-10
1049	26.550	75.4	51.0	15	0															0					10-11
1146	26.530	77.4	52.5	16	0															0					11-12
1245	26.510	79.3	53.3	15	0															0	7	.050			12-13
1346	26.480	80.6	53.5	13	0															0					13-14
1450	26.460	81.7	53.3	11	0															0					14-15
1551	26.460	82.2	54.7	14	0															0	6	.050			15-16
1648	26.450	83.2	54.0	11	0															0					16-17
1746	26.450	82.0	53.5	11	0															0					17-18
1845	26.460	78.2	52.0	13	0															0	5	.000			18-19
1945	26.460	71.3	49.0	16	0															0					19-20
2050	26.480	68.3	48.0	19	0															0					20-21
2148	26.480	66.1	46.9	20	0															0	1	.020			21-22
2245	26.480	65.0	46.0	19	0															0					22-23
2346	26.480	67.3	46.5	16	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	72	60	X	X						X		
	0345	1	0	0	0	73	60		0								
	0944	2	0	0	0	74	60		0								
	1547	3	0	0	0	83	73		0								
	2144	4	0	0	0	83	66		0								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1551	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.560	26.460	26.460
BAROGRAPH 64	26.460	26.560	26.460	26.480
BAR. CORR. 65	+010	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
83	60	0	0	0	30	NE	0551*					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: 10:00 2 SEC SLOW CORRECT AT 2352

BAROGRAPH CHART CHANGED RESET 0 COR.

* LAST OF SEVERAL OCCURANCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 30

TO CONVERT LST TO GMT ADD 8 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			081	65	21	35	04		987	400	AG
SA	0148	CLR	20			081	65	18	36	09		987		AG
SA	0250	CLR	20			089	64	13	05	12	G19	990		AG
SA	0347	CLR	20			094	64	13	04	12		991	310 62 RADAT 44119	CRD
SA	0445	CLR	20			094	61	16	04	16		992		CRD
SA	0545	CLR	20			102	63	16	04	17		993		CRD
SA	0645	CLR	20			108	65	17	04	13		995	212	CRD
SA	0745	CLR	20			114	68	12	05	10		996		CRD
SA	0845	CLR	20			117	72	15	04	14		996		CRD
SA	0946	CLR	20			115	75	13	05	10		996	105 61	CRD
SA	1045	CLR	20			113	77	13	02	14	G20	996		CRD
SA	1145	CLR	20			105	78	19	36	03		994		CRD
SA	1245	CLR	20			100	78	19	03	08		993	712	CRD
SA	1345	CLR	20			093	82	21	01	12		991		CRD
SA	1450	CLR	20			086	81	18	20	06		988		CRD
SA	1548	CLR	20			081	83	18	27	05		987	715 83 RADAT 41116	AG
SA	1649	CLR	20			080	82	18	01	04		986		AG
SA	1750	CLR	20			079	81	7	02	10		986		AG
SA	1848	CLR	20			082	78	9	03	12		987	500 1080	AG
SA	1945	120 SCT	20			091	75	3	03	12		990		AG
SA	2052	120 SCT	20			104	73	1	04	11		994		AG
SA	2150	120 SCT	20			111	71	7	06	08		996	227 1080 83	AG
SA	2245	120 SCT	20			116	68	9	03	13	G19	997		AG
SA	2345	CLR	20			121	66	10	03	14		998		AG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBAO, DESERT ROCK, NV

DATE: 1979 MAY 30

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.480	65.2	45.7	18	0															0	4	.000			00-01
01 48	26.480	65.0	45.0	16	0															0					01-02
02 50	26.500	64.2	43.7	13	0															0					02-03
03 47	26.510	64.0	43.7	14	0															0	3	.030			03-04
04 45	26.515	64.4	43.0	17	0															0					04-05
05 45	26.530	62.8	43.6	16	0															0					05-06
06 45	26.545	64.8	44.8	16	0															0	2	.035			06-07
07 45	26.555	68.2	45.5	11	0															0					07-08
08 45	26.560	71.8	47.6	11	0															0					08-09
09 46	26.560	74.7	48.5	9	0															0	1	.015			09-10
10 45	26.555	76.7	49.5	9	0															0					10-11
11 45	26.540	77.5	50.8	11	0															0					11-12
12 45	26.525	78.4	51.2	11	0															0	7	.035			12-13
13 45	26.510	81.8	53.0	10	0															0					13-14
14 50	26.490	81.2	52.2	9	0															0					14-15
15 48	26.480	82.9	52.9	9	0															0	7	.045			15-16
16 49	26.470	82.2	52.5	9	0															0					16-17
17 50	26.470	81.0	50.5	6	0															0					17-18
18 48	26.480	77.8	49.4	7	0	0	AC	120												0	5	.000			18-19
19 45	26.500	75.0	47.4	6	3															3					19-20
20 52	26.540	72.9	46.3	6	4															4					20-21
21 50	26.560	71.3	46.1	8	4	4	AC	120												4	2	.080			21-22
22 45	26.570	67.8	44.8	10	2															2					22-23
23 45	26.580	66.3	44.3	11	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	67	62	X	X						X		
	0345	1	0	0	0	67	62		0								
	0944	2	0	0	0	76	61		0								
	1544	3	0	0	0	83	75		0								
	2146	4	0	0	0	83	71		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.480	26.560
BAROGRAPH 64	26.505	26.560	26.480	26.555
BAR. CORR. 65	+.005	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
83	61	0	0	0	22	N	1206					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0645 O.K. CORRECT 1903

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 3 1

TO CONVERT LST TO GMT ADD 8 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 SUPPLEMENTED CODED DATA (13)	QUALITY CONTROL INITIALS (15)
SA	0053	CLR	20			125	64	10	05	14		999	210 1080	MG
SA	0147	120 SCT	20			127	63	11	04	16		001		MG
SA	0250	120 SCT	20			135	62	13	04	14		003		MG
SA	0346	120 SCT	20			136	60	15	07	09 G 17		003	110 1030 59 RADAT 32 115	008
SA	0449	120 SCT	20			144	60	16	06	10		005		008
SA	0547	120 SCT	20			148	61	17	05	12 G 19		006	~~007~~	008
SA	0647	120 SCT	20			145	64	18	04	16		005	007 1030	008
SA	0748	120 SCT	20			148	67	19	04	12 G 17		006		008
SA	0851	120 SCT	20			143	71	22	04	09 G 17		005		008
SA	0946	CLR	20			143	73	15	06	09 G 14		005	000 1030 58	008
SA	1045	CLR	20			145	75	13	04	09 G 17		005	FEW AC N	008
SA	1144	170 SCT 250 SCT	20			140	78	16	05	09 G 14		004		008
SA	1247	170 SCT 250 SCT	20			132	79	14	01	10 G 17		002	810 1032	008
SA	1346	170 SCT 250 - BKN	20			128	81	13	03	09		001		008
SA	1445	170 SCT 250 - BKN	20			122	81	13	05	06		998		008
SA	1550	~~150~~ 150 SCT 250 - BKN	20			117	82	13	01	09		997	715 1078 83 RADAT 38115	LEF
SA	1649	250 - BKN	20			110	82	11	34	06		996		LEF
SA	1748	250 - BKN	20			110	80	16	05	07		996		LEF
SA	1850	250 - BKN	20			113	79	16	06	07		997	502 1078	LEF
SA	1950	250 - BKN	20			120	75	17	07	07		998		LEF
SA	2050	250 - BKN	20			127	70	19	10	06		000		LEF
SA	2150	250 - SCT	20			129	68	16	07	04		000	212 1006 83	LEF
SA	2250	250 - SCT	20			129	65	16	03	03		000		LEF
SA	2350	250 - SCT	20			127	69	14	05	11		001		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Ndaff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 31

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0053	26.590	63.8	43.1	12	0	0	AC	120												0	2	.030			00-01
0147	26.600	62.7	42.7	13	2															2					01-02
0250	26.620	62.0	42.8	15	3															3					02-03
0346	26.620	59.9	42.1	17	4	4	AC	120												4	1	.030			03-04
0449	26.640	59.7	42.2	18	3															3					04-05
0547	26.650	61.2	43.0	17	2															2					05-06
0647	26.640	63.8	44.6	17	2	2	AC	120												2	0	.020			06-07
0748	26.650	67.3	46.3	16	1															1					07-08
0851	26.640	70.9	48.5	18	1															1					08-09
0946	26.640	73.3	48.3	11	0	0	AC	150												0	0	.000			09-10
1045	26.640	74.6	48.6	10	0															0					10-11
1144	26.630	77.5	50.3	10	2															2					11-12
1247	26.610	79.4	50.8	8	3	2	AC	170	1	ci	250	3								3	8	.030			12-13
1346	26.600	81.0	51.3	8	6															2					13-14
1445	26.580	80.5	51.1	8	7															3					14-15
1550	26.565	81.8	51.6	7	8	2	AC	150	6	cs	250	8								3	7	.045			15-16
1649	26.550	81.9	51.3	7	8															3					16-17
1748	26.550	80.3	51.5	9	8															3					17-18
1850	26.560	78.8	50.8	9	8	0	AC	150	8	cu	250	8								2	5	.005			18-19
1950	26.575	74.8	49.3	11	7															2					19-20
2050	26.590	70.1	47.1	14	6															2					20-21
2150	26.595	68.1	46.1	13	4	4	ci	250												2	2	.035			21-22
2250	26.595	64.7	44.6	15	3															0					22-23
2350	26.600	68.7	46.0	12	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	66	59	X	X						X		
	0340	1	0	0	0	71	59		0								
	0942	2	0	0	0	75	58		0								
	1545	3	0	0	0	83	73		0								
	2145	4	0	0	0	82	68		0								
	MID.	X	0	0	0	69	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.640	26.565	26.595
BAROGRAPH 64	26.630	26.645	26.565	26.595
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 TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	58	0	0	0	23	NE	0617					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0655 P - O.K. / 1856 O.K.

MF1-10B

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