WB FORM 733-1
(REV. 1-65)

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: September

YEAR: 1978

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°)	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, SLEET	SNOW, SLEET OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED (Knots)	Peak Speed SPEED (Knots)	DIRECTION	Av. Station Pressure (Hrs. and tenths)	SUNSHINE PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	98	61	80						5.7	25	SW	26.5	25	0		20	8	12	20
2	99	65	82						7.1	34	SW	26.5	88	2		28	17	14	20
3	98	67	83						9.3	36	S	26.5	95	2		35	22	15	31
4	96	72	84			.06			10.1	30	S	26.5	85	8	T, RW	38	26	21	70
5	87	66	77			.09			10.0	33	S	26.4	66	9	RW	59	50	43	87
6	84	64	74			.02			8.7	29	S	26.4	55	5	L, R, RW	92	58	35	49
7	80	61	71						12.0	31	S	26.4	50	0		58	37	10	21
8	84	59	72					—	7.0	24	SW	26.5	41	0		24	18	11	21
9	88	57	73						9.1	32	SE	26.5	05	3		29	24	12	12
10	83	65	74						13.1	37	S	26.4	13	4		21	28	23	38
11	80	60	70						7.7	18	N	26.4	74	0		29	20	15	22
12	80	58	69						8.8	18	N	26.4	98	0		36	24	17	16
13	84	56	70						8.1	24	S	26.5	05	1		19	14	12	25
14	77	58	68						11.5	35	S	26.4	73	5		35	44	22	59
15	80	56	68						6.1	18	E	26.6	50	2		57	35	23	39
16	86	60	73						6.1	17	SW	26.5	34	0		40	25	17	26
17	83	55	69						13.8	43	S	26.3	15	1		36	29	21	18
18	67	45	56		9				8.6	24	N	26.5	50	1		30	16	14	27
19	68	46	57		8				9.8	24	N	26.7	43	0		33	25	14	23
20	72	46	59		6				10.5	24	N	26.7	70	0		35	17	11	18
21	80	48	64		1				7.8	23	SE	26.6	61	0		28	15	9	20
22	88	49	69						3.6	17	SE	26.7	03	3		23	8	4	18
23	93	55	74						3.2	17	W	26.7	25	0		21	10	8	20
24	94	64	79						7.5	19	E	26.7	03	0		21	15	10	26
25	92	62	77						6.8	21	N	26.6	68	0		27	21	13	23
26	95	59	77						5.0	24	SE	26.6	46	5		33	17	10	24
27	96	60	78						4.9	20	W	26.6	58	1		27	14	12	17
28	95	60	78						4.8	23	SW	26.6	59	0		23	17	12	24
29	94	62	78						4.8	17	N	26.6	43	0		31	14	13	21
30	94	60	77						4.4	23	W	26.6	51	0		28	16	16	18
31																			
UM	2595	1756	—	—	—	.17	0	0	235.9	—	—	797.3	52	52	—	1016	684	450	853
VG	86.5	58.5	—	—	—	—	—	—	7.9	FASTEST	DIRECTION	POSSIBLE	—	1.7	—	33.9	22.8	15.0	28.4
									MISC. →	43	S	26.5	78		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 72.5

DEPARTURE FROM NORMAL —

HIGHEST 99 ON 2

LOWEST 45 ON 18

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 12

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 24

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 24

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .17 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HOURS~~ Daily .09 ON 5

SNOWFALL, SLEET

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HOURS~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

BAROMETRIC PRESSURE
(Climatological station elevation)

(H_{PC}) 3310 FT., M.S.L.

MONTHLY AVERAGE STATION 26.578 IN.

HIGHEST ~~SEA LEVEL~~ 26.830 IN. ON 20

LOWEST ~~SEA LEVEL~~ Station 26.115 IN. ON 17

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) 24

PARTLY CLOUDY (Scale 4-7) 4

CLOUDY (Scale 8-10) 2

WITH 0.01 INCH OR MORE PRECIP. 3

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

F = FOG
F+ = FOG WITH VISIBILITY 1/4 MILE OR LESS
T = THUNDER
S = SLEET
A = HAIL
ZR = GLAZE OR RIME
D = DUSTSTORM
K = SMOKE OR HAZE
BS = BLOWING SNOW

L = DRIZZLE
R = RAIN
RW = RAINSHOWER
T = THUNDER

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: 1978 SEP 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 SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0047	CLR	20			084	69	24	27	02		991	105	JJ
R	0147	CLR	20			084	69	24	10	03		991		JJ
R	0250	CLR	20			084	63	27	18	02		990		JJ
R	0348	CLR	20			087	64	22	00	00		991	302 62 RADAT 20148	GH
R	0445	CLR	20			091	64	24	13	03		992		GH
R	0545	CLR	20			099	65	24	00	00		994		GH
R	0645	CLR	20			107	69	23	25	02		996	217 1081	GH
R	0745	CLR	20			106	77	26	00	00		996	FEW AC SE	GH
R	0845	CLR	20			107	85	25	22	02		997	FEW AC SE	GH
R	0950	CLR	20			101	91	21	22	06		996	003 1081 61	GH
R	1045	CLR	20			103	92	31	22	09		996	FEW AC SE	GH
R	1145	CLR	20			099	92	33	21	12		995	FEW AC	GH
R	1245	CLR	20			095	95	33	23	14		994	807 1031	GH
R	1345	CLR	20			088	97	32	21	12G	21	992	FEW AC	GH
R	1450	CLR	20			082	96	35	21	14		990		GH
R	1548	CLR	20			078	95	35	20	10G	19	988	719 1031 98 RADAT 49141	JJ
R	1648	CLR	20			078	94	35	22	14		988		JJ
R	1747	CLR	20			078	92	35	22	13		988		JJ
R	1849	CLR	20			085	88	34	22	05		991	307 1101	JJ
R	1947	CLR	20			092	83	35	03	03		993		JJ
R	2047	CLR	20			097	79	34	05	02		995		JJ
R	2148	CLR	20			094	80	35	16	02		995	114 98	JJ
R	2248	CLR	20			096	79	35	07	04		995		JJ
R	2347	CLR	20			104	75	35	05	03		997		JJ

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 $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 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 47	26.505	69.0	48.1	18	0															0	1	.015			00-01
01 47	26.505	68.6	48.0	18	0															0					01-02
02 50	26.500	63.4	46.4	25	0															0					02-03
03 48	26.510	63.5	45.2	20	0															0	3	.005			03-04
04 45	26.520	64.0	46.0	22	0															0					04-05
05 45	26.540	64.5	46.2	21	0															0					05-06
06 45	26.560	68.8	48.0	18	0	0	Ac	100	0	Ci	250	0								0	2	.050			06-07
07 45	26.560	77.0	52.0	15	0															0					07-08
08 45	26.570	84.6	55.0	11	0															0					08-09
09 50	26.560	90.7	56.5	8	0	0	Ac	100	0	Ci	250	0								0	0	.000			09-10
10 45	26.560	92.2	59.2	11	0															0					10-11
11 45	26.550	92.0	59.8	12	0															0					11-12
12 45	26.540	95.0	60.5	11	0	0	Ac	100	0	Ci	250	0								0	8	.020			12-13
13 45	26.520	96.8	61.1	10	0															0					13-14
14 50	26.500	96.0	61.6	12	0															0					14-15
15 48	26.485	94.5	61.0	12	0	0	Ac	100	0	Ci	250	0								0	7	.055			15-16
16 48	26.485	93.6	60.7	13	0															0					16-17
17 47	26.485	91.6	60.0	14	0															0					17-18
18 49	26.505	87.7	58.4	15	0	0	Cu	80	0	Ci	250	0								0	3	.020			18-19
19 47	26.525	82.7	56.7	18	0															0					19-20
20 47	26.545	78.5	54.8	20	0															0					20-21
21 48	26.545	74.7	55.7	20	0															0	1	.040			21-22
22 48	26.550	79.1	55.3	20	0															0					22-23
23 47	26.565	75.1	53.7	23	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	71	62	X	X						X		
	0345	1	0	0	0	77	62		0								
	0945	2	0	0	0	92	61		0								
	1545	3	0	0	0	98	91		0								
	2145	4	0	0	0	96	78		0								
	MID.	X	0	0	0	81	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0850	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.485	26.545
BAROGRAPH 64	26.500	26.560	26.475	26.525
BAR. CORR. 65	+.010	±0*	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
98	61	0	0	0	25	SW	1259					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 CHART CHANGED.

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: 1978 SEP 2

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)	SENSOR INITIALS (15)
R	0046	CLR	20			101	74	34	02	10		996	005	SS
R	0146	CLR	20			103	72	34	19	02		997		SS
R	0250	CLR	20			104	71	34	06	04		997		SS
R	0350	CLR	20			108	68	34	34	04		997	303 67 RADAT 67136	GH
R	0445	CLR	20			110	68	35	04	02		998		GH
R	0545	250 SCT	20			122	66	35	00	00		001		GH
R	0645	250 SCT	20			131	74	37	19	02		004	220 1071	GH
R	0745	250 - SCT	20			129	81	38	35	02		004	FEW AC	GH
R	0845	250 - SCT	20			132	87	37	31	03		005	FEW AC	GH
R	0957	250 - SCT	20			128	90	40	26	04		005	002 1061 65	GH
R	1045	100 SCT	20			118	92	43	24	12		002		GH
R	1150	100 SCT	20			118	95	44	21	14		002		GH
R	1245	80 SCT	20			111	97	42	18	15	G34	999	PK WND 2334/46 815 1100	GH
R	1345	80 SCT	20			104	97	39	19	18	G27	997	PK WND 2427/43	GH
R	1452	80 SCT	20			101	97	40	22	12	G26	996	PK WND 2226/42	GH
R	1549	80 SCT	20			103	96	40	22	14		996	610 1200 99 RADAT 86141	SS
R	1647	80 SCT	20			106	94	40	20	13		997		SS
R	1746	80 SCT	20			107	92	40	21	14		996		SS
R	1849	80 SCT	20			106	88	38	22	08		997	202 1100	SS
R	1947	CLR	20			109	86	38	03	02		998		SS
R	2048	CLR	20			111	82	37	36	02		999		SS
R	2149	CLR	20			107	83	38	22	07		999	107 1100 99	SS
R	2246	CLR	20			110	79	37	04	04		999		SS
R	2347	CLR	20			113	75	37	06	03		000		SS

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 $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 2

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 46	26.560	74.3	53.3	23	0															0	0	.015			00-01
01 46	26.565	72.0	52.2	25	0															0					01-02
02 50	26.565	71.3	52.1	26	0															0					02-03
03 50	26.570	67.8	50.5	28	0															0	3	.010			03-04
04 45	26.575	68.0	51.0	30	0															0					04-05
05 45	26.600	66.2	50.2	32	1															1					05-06
06 45	26.630	73.5	54.0	27	3	0	Ac	100	3	Cu	250	3								2	2	.060			06-07
07 45	26.630	80.6	56.8	22	3															1					07-08
08 45	26.640	87.0	59.0	17	2															0					08-09
09 51	26.635	90.2	61.0	17	2	0	Ac	100	2	Cu	250	2								0	0	.005			09-10
10 45	26.610	91.5	62.5	19	2															2					10-11
11 50	26.610	95.0	64.0	17	2															2					11-12
12 45	26.590	96.5	63.7	15	2	2	Cu	80												2	8	.045			12-13
13 45	26.570	97.0	63.0	13	2															2					13-14
14 52	26.560	96.6	63.1	14	2															2					14-15
15 49	26.560	95.9	62.9	14	2	2	Cu	80												2	6	.030			15-16
16 47	26.565	93.5	62.3	16	2															2					16-17
17 46	26.560	92.2	61.8	16	2															2					17-18
18 49	26.565	88.3	59.7	17	1	1	Cu	80												1	2	.005			18-19
19 47	26.580	85.7	58.7	18	0															0					19-20
20 48	26.585	82.2	57.1	20	0															0					20-21
21 49	26.585	83.4	58.0	20	0	0	Cu	80												0	1	.020			21-22
22 46	26.585	78.6	55.9	22	0															0					22-23
23 47	26.595	75.3	54.7	25	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	75	67	X	X						X		
	0345	1	0	0	0	81	67		0								
	0945	2	0	0	0	92	65		0								
	1545	3	0	0	0	99	90		0								
	2145	4	0	0	0	96	81		0								
	MID.	X	0	0	0	84	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26570	26635	26560	26.585
BAROGRAPH 64	26.550	26635	26.560	26.580
BAR. CORR. 65	+020	±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 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
49	65	0	0	0	34	SW	1246					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:

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: 1978 SEP 3

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)	SIGNERS INITIALS (15)
R	0047	CLR	20			113	78	39	12	03		001	305	[illegible]
R	0148	CLR	20			115	73	38	07	04		001		[illegible]
R	0250	CLR	20			115	74	40	07	05		001		[illegible]
R	0345	CLR	20			113	72	43	09	07		000	803 72 RADAT 29144	[illegible]
R	0447	CLR	20			118	70	40	06	02		001		[illegible]
R	0544	CLR	20			127	67	41	05	01		003		[illegible]
R	0644	CLR	20			129	75	39	13	03		004	214	[illegible]
R	0745	CLR	20			133	78	46	18	01		005		[illegible]
R	0844	CLR	20			131	87	39	31	02		005		[illegible]
R	0946	CLR	20			125	90	46	21	08		004	000 67	[illegible]
R	1048	CLR	20			129	94	43	16	17	G24	005		[illegible]
R	1146	90 SCT	20			128	93	43	16	19	G25	004	PK WND 1936/27	[illegible]
R	1244	90 SCT	20			118	94	44	16	12	G24	002	PK WND 2028/14/807 1200	[illegible]
R	1347	90 SCT	20			115	98	42	19	17	G22	001	PK WND 2330/28	[illegible]
R	1443	90 SCT	20			107	97	41	22	14	G20	999	PK WND 2128/03	[illegible]
R	1548	90 SCT 250 SCT	20			101	96	40	19	12	G17	996	817 1101 98 RADAT 21146	[illegible]
R	1647	90 SCT E250 BKN	20			098	94	44	18	11		995		[illegible]
R	1746	90 SCT E250 BKN	20			102	90	50	20	16	G24	995	TCU DSNT SE AND W	[illegible]
R	1848	E90 BKN 250 BKN	20			104	88	52	18	12		997	302 1401	[illegible]
R	1945	90 SCT	20			109	87	53	16	09		998		[illegible]
R	2045	90 SCT	20			107	87	53	17	14		999		[illegible]
R	2152	90 SCT	20			113	87	53	19	09		001	212 1400 98	[illegible]
R	2248	CLR	20			111	85	50	20	16	G24	001		[illegible]
R	2345	CLR	20			120	82	49	19	08		003		[illegible]

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 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: 1978 SEP 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	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	26.600	78.1	56.3	24	0															0	3	.015			00-01
01 48	26.600	72.6	53.9	29	0															0					01-02
02 50	26.600	74.0	55.0	29	0															0					02-03
03 45	26.590	72.4	55.8	35	0															0	8	.010			03-04
04 47	26.600	70.8	53.5	33	0															0					04-05
05 44	26.620	67.2	52.8	39	0															0					05-06
06 44	26.630	75.0	55.3	28	0															0	2	.010			06-07
07 45	26.640	78.0	59.0	32	0															0					07-08
08 44	26.640	86.9	59.7	19	0															0					08-09
09 46	26.630	89.6	63.0	22	0															0	0	.000			09-10
10 48	26.640	94.0	63.4	17	0															0					10-11
11 46	26.630	92.6	62.9	18	2															2					11-12
12 44	26.610	98.6	63.5	18	3	3	CU	90												3	8	.020			12-13
13 47	26.600	98.3	64.4	15	3															3					13-14
14 43	26.580	96.7	63.5	15	2															2					14-15
15 48	26.560	96.3	63.2	15	1	1	CU	90	0	CI	250	1								1	8	.050			15-16
16 47	26.550	94.3	63.9	18	6															4					16-17
17 46	26.550	90.4	64.8	25	7															6					17-18
18 48	26.565	88.3	65.0	29	8	7	SC	E90	1	CI	250	8								8	3	.005			18-19
19 45	26.580	87.3	65.0	31	4															3					19-20
20 45	26.585	87.4	65.3	31	3															3					20-21
21 52	26.600	86.8	65.0	31	2	2	SC	90												2	2	.035			21-22
22 48	26.600	85.0	63.0	30	0															0					22-23
23 45	26.620	82.1	61.7	32	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 0344	X	0	0	X	79	72	X	X						X		
	0344	1	0	0	0	84	72		0								
	0944	2	0	0	0	94	67		0								
	1544	3	0	0	0	98	90		0								
	2148	4	0	0	0	96	87		0								
	MID.	X	0	0	0	87	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1548	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.560	26.600
BAROGRAPH 64	26.590	26.635	26.550	26.580
BAR. CORR. 65	±0	-.005	+.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
98	67	0	0	0	36	S	1127					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:

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: 1978 SEP 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)	SERVICERS INITIALS (15)
R	0047	CLR	20			122	82	48	14	04		004	308	
R	0145	250 SCT	20			118	81	47	10	04		003		
R	0245	250 SCT	20			120	79	45	17	03		003		
R	0344	150 SCT 250 SCT	20			125	77	49	11	04		004	302 1048 77 RADAT 65141	
R	0449	150 SCT 250 SCT	20			123	76	49	07	02		003		
R	0544	150 SCT E250 BKN	20			128	78	46	10	05		004		
R	0649	150 SCT E 250 BKN	20			131	79	50	34	02		005	303 1038	
R	0748	150 SCT E 250 BKN	20			130	83	51	22	05		005		
R	0846	90 SCT 150 SCT E 250 BKN	20			131	88	49	20	14		007		
R	0945	90 SCT 150 SCT E 250 BKN	20			127	89	49	16	12 G 18		005	000 1248 75	
R	1047	100 SCT 150 SCT E 250 BKN	20			117	88	52	22	17 G 22		002		
R	1146	100 SCT 150 SCT E 250 BKN	20			112	94	49	22	17 G 27		001	TCU E-SE / PK WND 2229/24	
R	1244	100 SCT 150 SCT E 250 BKN	20			104	93	49	20	21 G 28		999	TCU NE-SE / PK WND 2129/03	
													720 1268	
R	1348	100 SCT E 250 BKN	20			101	95	48	21	20 G 26		998	PK WND 1826/47	
R	1449	100 SCT E 250 BKN	20			097	90	51	17	17 G 22		996	CB N-SE MOVMT UNKN /	
													PK WND 2127/34	
R	1552	100 SCT E 140 BKN 250 BKN	20			080	94	48	19	16	G21	991	PK WND 1836/04 824	
													1241 96 RADAT 72143	
R	1652	E 100 BKN 140 OVC	20			087	90	51	18	16	G23	992	RWU SE-SW PK WND	
													1727/39	
R	1747	E100 BKN 140 OVC	20			095	85	56	17	13		994	CB RWU SE	
R	1846	E 100 BKN 140 OVC	20			096	84	55	17	12		995	OCNL LTGIC DSNT SE	
													112 144/	
R	1946	E100 BKN 140 OVC	20			101	84	56	16	10		996	OCNL LTGIC DSNT S	
S	2035	E 100 OVC	10		TRW-				15	21	G30	995	T OVHD MOVE N TB32	
													OCNL LTGIC OVHD	
R	2048	E50 BKN 100 OVC	20		T	102	77	63	14	12		996	T N E AND SW MOVE	
													N TB32 RB28E37	
													OCNL LTGICCG ALGDS	
													PK WND 1730/26	
R	2148	E50 OVC	20		TRW-	102	75	65	10	07		996	T N OVHD AND S MOVG	
													N OCNL LTGIC ALGDS	
													RB23 / 10503 19// 96	
RS	2250	50 SCT E 100 OVC	20			099	75	66	12	07		995	TE45 MOVD N RE40	
													OCNL LTGIC N	
R	2348	E100 BKN	20			095	77	65	15	03		995		

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 $8N_sCh\ h_s$ 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: 1978 SEP 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 47	26.625	82.2	61.3	30	0															0	3	.025			00-01
01 45	26.620	80.6	60.2	30	2															2					01-02
02 45	26.620	78.8	59.0	31	3															2					02-03
03 44	26.630	77.0	60.0	38	3	2	AC	150	1	CS	250	3								3	3	.005			03-04
04 49	26.620	75.6	59.5	39	3															3					04-05
05 44	26.630	77.9	59.0	33	8															7					05-06
06 49	26.640	78.6	60.8	36	8	3	AC	150	5	CS	E250	8								7	3	.010			06-07
07 48	26.640	83.4	63.0	33	7															7					07-08
08 46	26.650	88.1	63.8	26	8															6					08-09
09 46	26.640	88.7	64.0	26	8	1	CU	90	1	AC	150	2	6	CS	E250	8				7	0	.000			09-10
10 47	26.610	88.2	65.2	30	8															7					10-11
11 46	26.600	93.9	65.4	22	8															6					11-12
12 44	26.580	92.8	65.3	23	8	4	CU	100	1	AC	150	5	3	CS	E250	8				7	7	.060			12-13
13 48	26.570	94.6	65.4	21	7															6					13-14
14 49	26.550	89.9	65.1	27	7															7					14-15
15 52	26.510	94.0	65.0	21	8	4	CU	100	3	AC	E140	7	1	CI	250	8				8	8	.070			15-16
16 52	26.520	90.1	65.0	26	10															9					16-17
17 47	26.540	85.2	66.2	38	10															10					17-18
18 46	26.545	84.0	65.3	38	10	7	SC	E100	3	AC	140	10								10	1	.035			18-19
19 46	26.560	84.1	65.8	39	10															10					19-20
20 48	26.560	76.5	67.4	64	10															10					20-21
21 48	26.560	75.2	68.0	70	10	10	CB	E50												10	1	.015			21-22
22 50	26.550	75.0	68.9	74	10															10					22-23
23 48	26.545	76.5	68.3	67	8															8					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	83	77	X	X						X		
	0343	1	0	0	0	87	77		0								
	0944	2	0	0	0	89	75		0								
	1548	3	0	0	0	96	88		0								
	2144	4	.03	0	0	94	74		1								
	MID.	X	.03	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0944	1552	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.640	26.510	26.560
BAROGRAPH 64	26.615	26.635	26.510	26.560
BAR. CORR. 65	+.015	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	72	.06	0	0	30	5	2026					8			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2028	2037			
T	2032	2245			
RW-	2123	2240			

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:

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: 1978 SEP 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)	SEQ. NO. SERVICE INITIALS (15)
R	0047	E100 BKN	20			091	77	63	14	03		994	60703 1400	
R	0149	100 SCT E250 BKN	20			088	75	62	01	02		993		
R	0252	E100 BKN 250 OVC	20			087	75	62	04	03		992		
R	0344	E 70 BKN 200 OVC	20			082	75	60	21	13		991	71003 1807 72	
													20003 RADAT 73146	
R	0447	E70 BKN 200 OVC	20			092	73	61	22	14		993		
R	0545	E70 BKN 200 OVC	20			090	74	57	22	13		992	BINOVC	
R	0648	E70 BKN 200 OVC	20			093	75	55	22	08		993	BINOVC/207 1807	
R	0746	E80 BKN 200 OVC	20			094	74	56	22	11		993	BINOVC	
R	0847	E80 BKN 200 BKN	20			097	78	57	22	13		993		
R	0946	70 SCT E180 BKN 250 BKN	20			087	80	59	19	12 G17		991	807 1832 72	
R	1045	70 SCT E120 BKN 250 BKN	20			078	85	60	19	17 G29		989	RWU SE/PK WND 1829/40	
R	1148	E100 BKN	20			074	82	59	15	12 G20		988	TCU ALQDS	
R	1247	E80 BKN 200 BKN	20			064	87	57	17	15 G25		986	TCU ALQDS/PK WND 1830/19	
													717 1202	
R	1346	E60 BKN	20			056	84	58	17	14 G24		982	CB ALQDS/PK WND 1933/29	
S	1353	E50 OVC	10		RW-				16	17 G24		983	CB ALQDS/RB 52	
R	1444	50 SCT E90 BKN 200 OVC	15			054	80	62	15	11 G19		981	CB ALQDS/RWU NW/RB52E05	
R	1552	E50 BKN 100 OVC	20			058	82	58	15	13 G22		976	RWU SW/72705 1200	
													87 RADAT 63147	
R	1648	E50 BKN 100 OVC	20			040	78	62	20	13		976	RWU S-NW	
R	1747	E50 BKN 100 OVC	20			048	76	62	21	16 G22		979	RWU SW-NW	
S	1816	3 SCT E35 OVC	10		RW-				27	14		982		
RS	1851	E35 OVC	20		RW-	070	68	63	25	09		984	RB03/32400 14//	
R	1946	15 SCT E35 OVC	15		RW-	076	67	64	26	08		985		
R	2047	E35 OVC	20			073	67	63	20	05		985	RE05	
R	2148	E35 BKN 250 OVC	20			075	68	64	34	04		986	10504 1408 87	
R	2245	35 SCT E80 BKN	20			071	67	62	27	06		985		
R	2352	E80 OVC	20			066	67	62	20	04		984		

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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 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	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.
0047	26.520	77.2	67.4	61	8	8	SC	E100												8	6	.020			00-01
0149	26.530	75.3	66.3	64	8																				01-02
0252	26.520	75.2	66.5	64	10															6					02-03
0344	26.510	75.4	65.2	59	10	8	SC	E70	2	CS	200	10								10					03-04
0447	26.530	73.2	65.0	66	10															10	7	.030			04-05
0545	26.520	74.4	63.0	56	10															10					05-06
0648	26.530	75.0	62.4	50	10	8	SC	E70	2	CS	200	10								10					06-07
0746	26.530	74.3	62.5	53	10															10	2	.020			07-08
0847	26.530	77.9	64.4	49	8															8					08-09
0946	26.510	80.0	66.2	50	8	5	SC	70	2	AC	E100	7	1	ci	250	8				8	8	.020			09-10
1045	26.490	85.0	67.9	43	7															7					10-11
1148	26.480	82.0	66.5	46	8															8					11-12
1247	26.460	87.3	67.0	36	8	7	cu	E80	1	ci	200	8								8	7	.050			12-13
1346	26.430	83.6	66.4	42	9															9					13-14
1444	26.420	80.3	68.0	54	10															10					14-15
1552	26.380	82.2	66.0	43	10	8	CU	E50	2	SC	100	10								9	7	.080			15-16
1648	26.380	78.0	67.1	58	10															9					16-17
1747	26.400	76.3	66.3	60	10															9					17-18
1851	26.450	68.0	64.7	84	10	10	SC	E35												10	3	.070			18-19
1946	26.460	67.2	64.7	88	10															10					19-20
2047	26.460	67.3	64.3	86	10															10					20-21
2148	26.465	67.5	64.8	87	10	8	SC	E35	2	CS	250	10								9	1	.015			21-22
2245	26.460	67.1	63.7	83	7															6					22-23
2352	26.445	66.6	63.8	86	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 0342		0	0		79	75										
	0342	1	.03	0	0	79	72		1								
	0944	2	0	0	0	80	72		0								
	1548	3	.05	0	0	87	76		1								
	2144	4	.04	0	0	82	67		1								
	MID.		0	0	0	68	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0842	0944	1552	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.510	26.380	26.465
BAROGRAPH 64	26.510	26.515	26.385	26.450
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
87	66	.09	0	0	33	5	1329					9			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1352	1405			
RW-	1803	2005			

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:

* CHANGED BAROGRAM RESET TO ±.0 COR 0950 PST

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: 1978 SEP 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)	SEQUENCE INITIALS (15)
R	0047	E80OVC	20			063	67	62	26	05		984	607 15//	HS
S	0127	5 SCT E80 OVC	15		RW-				21	06		984		HS
RS	0147	E5 BKN 80 OVC	10		L-	070	65	64	21	06		985	RB10E30LB30	HS
S	0223	5 SCT E80 OVC	20						21	05		984		HS
S	0235	5 SCT M13 OVC	10		R-				19	04		984		HS
R	0251	5 SCT M13 OVC	10		R-	070	65	63	22	03		984	LE15RB32	HS
RS	0353	5 SCT E40 BKN 250 OVC	20			071	66	64	09	02		985	RE10 10302 1702 64	/
/													20011 RADAT 94149	HS
R	0448	5 SCT E40 BKN 250 OVC	20			077	66	63	23	02		986		HS
RS	0549	5 SCT E20 OVC	20			082	66	63	24	06		987	BINOVC W	HS
R	0648	E20 BKN	20			086	69	60	18	09		988	108 1800	HS
R	0750	E25 BKN	20			088	70	59	19	14	G23	988		HS
R	0849	E25 BKN	20			089	73	58	19	12	G23	989	HVY CW ALQDS	HS
RS	0948	40 SCT	20			090	75	59	21	15	G24	990	HVY CW ALQDS 307	/
/													1200 64	HS
R	1048	40 SCT	20			088	78	60	21	14	G24	989	HVY CW E AND W	HS
R	1149	40 SCT	20			079	81	58	15	14	G24	987	PK WND 1928/35	HS
R	1248	40 SCT	20			075	81	56	18	14	G24	986	PK WND 2029/36	HS
/													612 1200	/
R	1349	40 SCT	20			071	82	52	18	13	G21	985		HS
R	1445	40 SCT 250 SCT	20			068	83	51	18	11	G22	984		HS
R	1548	50 SCT 250 SCT	20			060	82	52	20	17	G25	982	814 1201 84 RADAT	HS
—													20156	—
R	1652	50 SCT 250 SCT	20			058	82	52	19	13	G20	981		HS
R	1746	CLR	20			058	80	52	18	08		981		HS
R	1850	CLR	20			058	77	51	16	07		981	602 1101	HS
R	1949	CLR	20			065	74	51	20	06		983		HS
R	2051	CLR	20			067	71	51	21	06		983		HS
R	2148	CLR	20			066	70	50	21	06		983	107 84	HS
R	2246	CLR	20			062	69	50	32	02		982		HS
R	2352	CLR	20			060	68	50	29	04		982		HS

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 $8N_sCh\ h_s$ 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: 1978 SEP 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 47	26.445	67.2	64.0	84	10	10	SC	E80												10	6	.020			00-01
01 47	26.455	65.0	64.3	96	10															10					01-02
02 51	26.450	65.2	63.7	93	10															10					02-03
03 53	26.455	66.0	64.3	92	10	4	CuFRA	5	4	Cu	E40	8	2	Ci	250	10				10	1	.010			03-04
04 48	26.465	68.0	64.1	91	10															10					04-05
05 49	26.475	66.0	64.0	90	10															10					05-06
06 48	26.480	69.1	62.8	72	8	8	Cu	E20												8	1	.025			06-07
07 50	26.485	70.0	62.7	68	8															8					07-08
08 49	26.490	72.6	63.3	61	8															8					08-09
09 48	26.500	75.0	64.4	58	5	5	Cu	40												5	3	.020			09-10
10 48	26.495	78.3	65.8	53	4															4					10-11
11 49	26.475	80.5	65.4	46	4															4					11-12
12 48	26.465	80.5	64.7	44	4	4	Cu	40												4	6	.035			12-13
13 49	26.455	82.2	63.3	36	4															4					13-14
14 45	26.445	82.7	62.7	33	5															5					14-15
15 48	26.425	82.3	63.0	35	4	4	Cu	50	0	Ci	250	4								4	8	.040			15-16
16 52	26.420	81.9	63.0	36	3															3					16-17
17 46	26.420	79.5	62.0	38	0															0					17-18
18 50	26.420	76.8	60.8	41	0	0	Cu	50	0	Ci	250	0								0	6	.005			18-19
19 49	26.435	74.2	59.8	44	0															0					19-20
20 51	26.440	71.0	58.6	49	0															0					20-21
21 48	26.440	70.2	58.1	49	0															0	1	.020			21-22
22 46	26.430	69.1	57.8	51	0															0					22-23
23 52	26.425	67.6	57.2	54	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 0350	X	.02	0	X	67	64	X	X						X		
	0350	1	.02	0	0	68	64		1								
	0945	2	0	0	0	76	65		1								
	1544	3	0	0	0	84	75		0								
	2144	4	0	0	0	82	70		0								
	MID.	X	0	0	0	70	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.455	26.500	26.425	26.420
BAROGRAPH 64	26.445	26.490	26.425	26.425
BAR. CORR. 65	+.010	+.010	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
84	64	.02	0	0	29	S	1236					5			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0110	0130			
L-	0130	0215			
R-	0232	0310			

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:

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: 1978 SEP 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)	OB. SERVER'S INITIALS (15)
R	0047	CLR	20			058	67	51	17	08		981	607	[illegible]
R	0151	CLR	20			051	68	50	21	14		980		[illegible]
R	0252	CLR	20			049	68	50	20	19	G24	979	PKWND 2027/24	[illegible]
R	0353	CLR	20			052	65	50	18	17		980	505 65 RADAT 20151	HS
R	0448	CLR	20			052	65	49	19	20		980		HS
R	0548	CLR	20			056	66	44	18	20	G28	981	PK WND 1828/46	HS
R	0649	CLR	20			065	67	43	17	17	G25	983	PKWND 1727/37/310 1500	HS
R	0749	CLR	20			076	68	43	17	21	G28	986	PKWND 1728/46	HS
R	0848	CLR	20			080	69	44	18	16	G23	986	PKWND 1827/00	HS
R	0953	CLR	20			082	72	44	17	14	G23	987	PKWND 1730/1651/114	/
/													1100 65	HS
R	1049	CLR	20			078	74	43	16	16	G24	986		HS
R	1149	CLR	20			073	76	44	14	17	G28	985	PKWND 1529/24	HS
R	1248	CLR	20			069	78	46	16	14	G23	984	PKWND 1330/13/710 1100	HS
R	1349	CLR	20			067	79	35	20	10	G24	984	PKWND 1926/31	HS
R	1448	CLR	20			062	80	25	15	07		982		HS
R	1548	CLR	20			065	80	17	20	10		983	603 1100 80 RADAT 20154	JD
R	1648	CLR	20			065	78	18	22	09		983		JD
R	1750	CLR	20			067	75	19	25	07		983		JD
R	1848	CLR	20			075	69	22	28	05		984	305	JD
R	1949	CLR	20			084	68	21	36	04		986		JD
R	2048	CLR	20			086	64	21	01	05		987		JD
R	2149	CLR	20			088	64	23	35	07		988	212 80	JD
R	2249	CLR	20			088	62	27	28	02		988		JD
R	2347	CLR	20			089	63	29	01	08		988		JD

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 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: 1978 SEP 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	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	26.420	66.7	57.4	58	0															0	6	.020			00-01
01 51	26.410	68.3	57.5	53	0															0					01-02
02 52	26.400	67.7	57.0	53	0															0					02-03
03 53	26.405	65.2	56.0	58	0															0	5	.015			03-04
04 48	26.405	65.3	55.4	55	0															0					04-05
05 48	26.415	65.5	53.2	45	0															0					05-06
06 49	26.435	67.1	53.4	41	0	0	Sc	60												0	3	.030			06-07
07 49	26.460	67.7	54.0	42	0															0					07-08
08 48	26.465	69.2	55.0	41	0															0					08-09
09 53	26.475	71.9	55.8	37	0	0	Cu	60												0	1	.040			09-10
10 49	26.465	74.0	56.3	33	0															0					10-11
11 49	26.455	76.3	57.5	32	0															0					11-12
12 48	26.445	78.2	59.1	32	0	0	Cu	60												0	7	.030			12-13
13 49	26.445	79.3	55.3	20	0															0					13-14
14 48	26.430	79.7	53.0	13	0															0					14-15
15 48	26.435	79.5	51.3	10	0	0	Cu	60												0	6	.010			15-16
16 48	26.435	77.9	50.8	11	0															0					16-17
17 50	26.435	75.2	49.9	12	0															0					17-18
18 48	26.450	68.6	47.6	17	0															0	3	.015			18-19
19 49	26.470	67.5	46.9	17	0															0					19-20
20 48	26.475	63.5	45.1	20	0															0					20-21
21 49	26.485	63.6	45.6	21	0															0	2	.035			21-22
22 49	26.485	62.2	45.9	26	0															0					22-23
23 47	26.490	63.0	46.8	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0356	X	0	0	X	68	65	X	X						X		
	0350	1	0	0	0	70	65		0								
	0950	2	0	0	0	72	65		0								
	1544	3	0	0	0	80	72		0								
	2145	4	0	0	0	80	62		0								
	MID.	X	0	0	0	65	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.405	26.475	26.435	26.485
BAROGRAPH 64	26.400	26.470	26.430	26.480
BAR. CORR. 65	+.005	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	61	0	0	0	31	S	0543					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:

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: 1978 SEP 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-OPERATOR'S INITIALS (15)
R	0048	CLR	20			089	62	27	25	04		988	102	JD
R	0148	CLR	20			088	64	22	33	04		989		JD
R	0248	CLR	20			093	60	23	25	03		990		JD
R	0349	CLR	20			104	62	25	10	04		993	314 59 RADAT 20143	HS
R	0448	CLR	20			110	62	26	30	06		995		HS
R	0548	CLR	20			118	60	27	35	02		997		HS
R	0648	CLR	20			121	64	24	01	13	G21	997	112	HS
R	0748	CLR	20			125	67	21	36	14		999		HS
R	0849	CLR	20			129	70	27	36	11		999		HS
R	0952	CLR	20			126	72	25	36	07		999	008 5 59	HS
R	1048	CLR	20			120	76	25	27	05		998		HS
R	1148	CLR	20			115	81	26	19	06		997		HS
R	1249	CLR	20			113	82	26	17	12		997	607	HS
R	1350	CLR	20			106	82	23	26	08		995		HS
R	1449	CLR	20			100	80	28	20	17	G24	992		HS
R	1549	CLR	20			093	83	24	22	12		991	619 84 RADAT 22144	JD
R	1649	CLR	20			091	80	24	26	09		990		JD
R	1747	CLR	20			093	79	26	28	05		990		JD
R	1848	CLR	20			097	72	26	34	05		991	302	JD
R	1947	CLR	20			105	70	24	01	06		993		JD
R	2047	CLR	20			114	66	25	04	02		995		JD
R	2148	CLR	20			113	65	23	05	04		995	114 84	JD
R	2249	CLR	20			110	63	23	01	04		995		JD
R	2348	CLR	20			105	61	24	35	04		994		JD

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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 8

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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.490	61.9	45.7	26	0															0	1	.005			00-01
01 48	26.495	63.9	45.3	20	0															0					01-02
02 48	26.500	60.0	43.9	24	0															0					02-03
03 49	26.530	61.5	45.0	24	0															0	3	.040			03-04
04 48	26.545	61.9	45.4	25	0															0					04-05
05 48	26.565	60.3	45.0	28	0															0					05-06
06 48	26.565	64.4	46.1	21	0															0	1	.035			06-07
07 48	26.580	66.5	46.4	18	0															0					07-08
08 49	26.585	69.5	49.2	20	0															0					08-09
09 52	26.580	71.5	49.6	18	0															0	0	.015			09-10
10 48	26.570	75.7	51.4	15	0															0					10-11
11 48	26.565	80.6	53.6	14	0															0					11-12
12 49	26.560	81.6	54.0	13	0															0	6	.020			12-13
13 50	26.545	82.1	53.5	11	0															0					13-14
14 49	26.520	79.6	53.6	15	0															0					14-15
15 49	26.505	82.8	53.9	11	0															0	6	.055			15-16
16 49	26.500	80.4	53.0	12	0															0					16-17
17 47	26.500	78.5	52.8	15	0															0					17-18
18 48	26.510	72.1	50.0	18	0															0	3	.005			18-19
19 47	26.530	70.1	48.7	18	0															0					19-20
20 47	26.550	65.6	46.8	21	0															0					20-21
21 48	26.550	64.6	46.1	21	0															0	1	.040			21-22
22 49	26.545	62.9	45.3	22	0															0					22-23
23 48	26.535	61.0	44.6	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	65	59	X	X						X		
	0346	1	0	0	0	65	59		0								
	0948	2	0	0	0	75	59		0								
	1545	3	0	0	0	84	72		0								
	2145	4	0	0	0	83	64		0								
	MID.	X	0	0	0	65	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.505	26.550
BAROGRAPH 64	26.520	26.580	26.505	26.540
BAR. CORR. 65	+0.10	±0	0	+0.10

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
84	59	0	0	0	24	SW	1439					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:

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: 1978 SEP 9

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. SERVERS INITIALS (15)
R	0048	CLR	20			102	60	24	09	04		993	607	JD
R	0148	CLR	20			105	60	28	07	02		994		JD
R	0247	CLR	20			104	60	31	04	03		993		JD
R	0350	CLR	20			102	60	28	09	02		993	000 57 RADAT 24134	HS
R	0449	CLR	20			106	59	32	35	04		994		HS
R	0549	CLR	20			108	59	33	02	02		994		HS
R	0648	CLR	20			110	66	34	21	02		995	205	HS
R	0748	CLR	20			111	73	34	04	02		996		HS
R	0850	CLR	20			108	80	41	16	19		995		HS
R	0953	CLR	20			108	82	42	18	17	G28	996	PKWND 1728/44/002 100157	HS
R	1050	CLR	20			106	83	43	17	14	G26	995	PKWND 1532/03	HS
R	1148	CLR	20			099	84	40	18	16	G25	993	CW E AND S PKWND 2029/36	HS
R	1249	300 SCT	20			093	86	36	18	14	G30	991	CWNE PK WND 1930/39	
													814 1102	HS
R	1349	300 SCT	20			081	87	32	19	17	G26	988	CWNE PKWND 1830/15	HS
R	1447	E300 BKN	20			078	88	30	17	16	G31	987	CWNE PK WND 1731/43	HS
R	1548	E300 BKN	20			078	85	27	16	12	G24	986	PKWND 1826/02/ 614 1002	JD
													88 RADAT 20142	
R	1647	E300 BKN	20			080	83	29	17	17		986		JD
R	1747	200 SCT 300 -BKN	20			081	81	27	15	14	G24	986		JD
R	1848	200 SCT 300 -BKN	20			078	78	26	16	10		986	500 1071	JD
R	1949	200 SCT 300-BKN	20			079	78	20	14	06	G17	987		JD
R	2050	200 SCT 300-BKN	20			075	74	18	15	05		987		JD
R	2150	300 -BKN	20			073	72	16	10	06		986	000 1071 88	JD
R	2247	300-BKN	20			070	72	21	17	06		985		JD
R	2349	300-BKN	20			062	74	22	16	09		984		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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 9

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	26.530	60.1	44.2	25	0															0	6	.020			00-01
01 48	26.535	59.8	45.0	29	0															0					01-02
02 47	26.530	60.0	46.2	34	0															0					02-03
03 50	26.530	60.0	45.5	29	0															0	0	.000			03-04
04 48	26.535	59.0	45.8	35	0															0					04-05
05 49	26.540	59.4	46.6	37	0															0					05-06
06 48	26.545	66.4	50.0	30	0															0	2	.015			06-07
07 48	26.555	72.5	52.4	24	0															0					07-08
08 50	26.545	79.8	57.6	25	0															0					08-09
09 53	26.550	82.0	58.7	24	0	0	Ci	300												0	0	.005			09-10
10 50	26.545	82.8	59.3	24	0															0					10-11
11 48	26.525	84.2	59.0	21	0															0					11-12
12 49	26.510	85.7	58.3	17	1	0	Cu	60	1	Ci	300	1								1	8	.040			12-13
13 49	26.480	87.4	57.7	14	4															4					13-14
14 47	26.470	88.3	57.4	12	6															4					14-15
15 48	26.470	85.0	55.5	12	9	9	Ci	E300												7	6	.040			15-16
16 47	26.470	83.2	55.2	14	9															8					16-17
17 47	26.470	81.0	53.9	14	9															3					17-18
18 48	26.470	78.3	52.5	14	8	1	Ac	200	7	Ci	300	8								2	5	.000			18-19
19 49	26.480	77.9	51.1	11	6															2					19-20
20 50	26.475	74.1	49.2	12	7															3					20-21
21 50	26.470	71.7	47.7	12	7	0	Ac	200	7	Ci	300	7								2	0	.000			21-22
22 47	26.460	72.3	49.0	14	7															2					22-23
23 49	26.445	74.0	49.9	14	6															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	61	57	X	X						X		
	0347	1	0	0	0	65	57		0								
	0947	2	0	0	0	83	57		0								
	1545	3	0	0	0	88	81		0								
	2146	4	0	0	0	85	71		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.550	26.470	26.470
BAROGRAPH 64	26.530	26.545	26.478*	26.475
BAR. CORR. 65	±0	+.005	±.0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	57	0	0	0	32	SE	1003					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:

* Barograph changed 1552P 0 corr.

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: 1978 SEP 10

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. SERVING INITIALS (15)
R	0049	300 -SCT	20			055	73	27	16	05		982	714 1071	JD
R	0149	300 -SCT	20			062	72	26	22	05		984		JD
R	0247	300 -SCT	20			064	71	29	18	09		984		JD
R	0351	300 - SCT	20			049	72	30	18	18		980	807 1008 70 RADAT 24142	CG
R	0454	300 -SCT	20			051	72	30	16	17	628	980	PK WND 1728/44	CG
R	0545	160 SCT 300-BKN	20			052	71	34	17	17		980	PK WND 1727/28	CG
R	0654	160 SCT E300 BKN	20			063	72	33	18	17	627	983	PK WND 1727/52 /310 1078	CG
R	0746	160 SCT E300 BKN	20			063	74	37	17	19	628	983	PK WND 1730/12	CG
R	0845	160 SCT E300 BKN	20			071	74	40	20	17	626	985	PK WND 2026/40	CG
R	0946	E300 BKN	20			065	77	42	18	21	630	983	PK WND 1830/40/000 1178 70	CG
R	1047	E300 BKN	20			064	78	43	19	17	626	983	PK WND 1837/1757	CG
R	1145	300-SCT	20			053	79	43	18	21	632	981	PK WND 1832/43	CG
R	1249	CLR	20			048	80	43	18	17	628	980	PK WND 1932/33 /812 1108	CG
R	1345	CLR	20			040	81	39	20	10		976	PK WND 1836/28	CG
R	1449	300-SCT	20			032	82	43	18	E17	626	974	PK WND 2027/22	CG
R	1549	300-SCT	20			031	82	41	18	E14	623	974	615 1108 83 RADAT 22151	DS
R	1648	CLR	20			033	80	41	E17	156	22	974	CS HRZNS SW AND NW	DS
R	1747	CLR	20			030	76	42	E19	156	20	973	FEW CU AND CS	DS
R	1847	CLR	20			031	75	41	E20	146	20	973	503 1408	DS
R	1948	CLR	20			042	71	40	E21	12		976		DS
R	2046	300-SCT	20			051	71	42	E31	05		979		DS
R	2148	300-SCT	20			066	69	43	E29	05		983	330 1005 83	DS
R	2246	CLR	20			075	66	38	E33	04		986	FEW CI SE	DS
R	2346	CLR	20			078	67	39	E05	04		987		DS

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 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)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV
DATE: 1978 SEP 10
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	26.430	72.9	50.6	18	5	0	Ac	200	5	Ci	300	5								1	7	.040			00-01
0149	26.445	72.0	50.1	18	4															1					01-02
0247	26.450	71.0	50.4	21	3															1					02-03
0351	26.410	71.8	51.0	21	2	2	Cs	300												0	8	.020			03-04
0454	26.410	71.6	51.0	21	5															2					04-05
0545	26.410	71.3	52.0	25	8															4					05-06
0654	26.440	72.4	52.1	23	8	1	Ac	160	8	Cs	E200	8								6	3	.030			06-07
0746	26.440	73.5	54.0	27	9															8					07-08
0845	26.455	74.0	55.0	29	7															6					08-09
0946	26.440	77.3	57.1	28	9	0	Cu	60	0	Ac	160	0	9	Cs	E200	9				6	0	.000			09-10
1047	26.440	77.7	57.5	29	7															5					10-11
1145	26.415	78.6	58.0	28	3															1					11-12
1249	26.405	79.9	58.3	27	0	0	Cu	60	0	Cs	300	0								0	8	.035			12-13
1345	26.380	80.9	58.6	26	0															0					13-14
1449	26.360	81.6	59.0	25	2															0					14-15
1547	26.360	82.0	58.6	23	1	0	Cu	60	1	Cs	300	1								0	6	.045			15-16
1648	26.360	80.1	57.7	25	0															0					16-17
1747	26.345	76.3	56.6	29	0															0					17-18
1847	26.350	74.8	56.0	36	0	0	Sc	60	0	Cs	300	0								0	5	.010			18-19
1948	26.375	71.3	54.1	32	0															0					19-20
2046	26.400	71.0	54.6	34	1															0					20-21
2148	26.440	69.3	54.5	38	1	1	Ci	300												0	3	.090			21-22
2246	26.460	66.2	51.2	35	0															0					22-23
2346	26.470	66.5	51.7	36	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 0347	X	0	0	X	74	70	X	X						X		
	0347	1	0	0	0	75	70		0								
	0943	2	0	0	0	77	70		0								
	1543	3	0	0	0	83	76		0								
	2145	4	0	0	0	82	69		0								
	MID.	X	0	0	0	70	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0944	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.440	26360	26.440
BAROGRAPH 64	26.415	26.450	26365	26.440
BAR. CORR. 65	-.005	-.010	-.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
83	65	0	0	0	*37	S	0957					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:

* WIND EQUIPMENT OUT AT 1430P. (PEAK WIND BELIEVED TO HAVE OCCURRED BEFORE OUTAGE.)

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: 1978 SEP 11

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)
R	0047	CLR	20			081	65	37	E35	01		988	214 1001	US
R	0147	CLR	20			086	65	36	E36	14		989	Few cr	US
R	0246	CLR	20			086	64	33	E02	16		989		US
R	0345	CLR	20			085	63	30	E01	14		989	103 1001 63 RADAT 20151	CG
R	0445	CLR	20			096	61	29	E02	10		991		CG
R	0547	CLR	20			110	60	30	E04	07		994		CG
R	0646	CLR	20			114	63	31	E04	08		996	222	CG
R	0745	CLR	20			114	65	30	E01	10		996		CG
R	0848	CLR	20			112	69	28	04	12		996		CG
R	0945	CLR	20			112	71	28	01	14		996	602.60	CG
R	1052	CLR	20			098	74	28	01	12		992		CG
R	1145	CLR	20			093	74	24	35	07	617	990		CG
R	1246	CLR	20			083	76	26	31	03		987	725	CG
R	1349	CLR	20			075	78	25	28	05		985		CG
R	1445	CLR	20			064	79	25	35	08		982		CG
R	1546	CLR	20			063	79	27	03	04		982	717 80 RADAT 21154	US
R	1647	CLR	20			059	79	27	09	05		980		US
R	1747	CLR	20			057	77	28	22	02		980		US
R	1847	CLR	20			059	71	26	35	01		980	607	US
R	1949	CLR	20			060	70	24	09	02		980		US
R	2046	CLR	20			066	69	27	35	03		982		US
R	2146	CLR	20			066	67	27	02	09		982	108 80	US
R	2248	CLR	20			070	65	29	03	06		983		US
R	2348	CLR	20			074	66	32	01	12		984		US

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: 1978 SEP 11

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	26.480	65.0	50.5	36	0	0	C1	300												0	2	040			00-01
01 47	26.490	65.0	49.8	33	0															0					01-02
02 46	26.490	63.8	48.5	32	0															0					02-03
03 45	26.490	62.8	47.0	29	0	0	C1	300												0	1	.010			03-04
04 45	26.510	61.0	46.0	30	0															0					04-05
05 47	26.535	60.2	46.0	32	0															0					05-06
06 46	26.555	62.7	47.4	30	0															0	2	.065			06-07
07 45	26.550	64.8	48.0	27	0															0					07-08
08 48	26.550	68.8	49.2	22	0															0					08-09
09 45	26.550	71.0	50.0	20	0															0	6	.005			09-10
10 52	26.515	73.9	51.3	18	0															0					10-11
11 45	26.500	73.9	50.4	16	0															0					11-12
12 46	26.475	75.9	51.6	16	0															0	7	.075			12-13
13 49	26.460	77.6	52.0	14	0															0					13-14
14 45	26.430	78.9	52.6	14	0															0					14-15
15 46	26.425	79.0	53.1	15	0															0	7	050			15-16
16 47	26.410	78.5	52.9	15	0															0					16-17
17 47	26.405	77.2	52.5	16	0															0					17-18
18 47	26.405	71.0	49.5	18	0															0	6	020			18-19
19 49	26.410	69.7	48.5	17	0															0					19-20
20 46	26.430	69.0	49.0	27	0															0					20-21
21 46	26.430	67.0	48.2	22	0															0	1	025			21-22
22 48	26.440	65.3	48.0	28	0															0					22-23
23 48	26.450	65.9	48.9	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	67	63	X	X						X		
	0343	1	0	0	0	70	63		0								
	0943	2	0	0	0	71	60		0								
	1543	3	0	0	0	80	71		0								
	2144	4	0	0	0	80	65		0								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.550	26.425	26.430
BAROGRAPH 64	26.490	26.550	26.425	26.440
BAR. CORR. 65	0	0	±0	-010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	60	0	0	0	*18	N	1148					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:

* WIND EQUIPMENT CONT. OUT — IN 0825P

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: 1978 SEP 12

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)	RECORD OBSERVER'S INITIALS (15)
R	0048	CLR	20			073	64	33	03	11		984	107	DS
R	0146	CLR	20			076	63	33	03	10		986		DS
R	0248	CLR	20			079	62	34	03	12	G17	986		DS
R	0347	CLR	20			085	61	33	02	16		987	310 60 RADAT 20146	CG
R	0452	CLR	20			096	59	34	03	15		991		CG
R	0547	CLR	20			104	58	33	03	12		993		CG
R	0647	CLR	20			117	60	33	04	15		996	225	CG
R	0745	CLR	20			118	63	33	04	12		997		CG
R	0847	CLR	20			113	67	31	03	10		996		CG
R	0949	CLR	20			109	69	31	02	10		994	805 58	CG
R	1049	CLR	20			105	71	24	33	09		993		CG
R	1148	CLR	20			101	74	23	36	08		992		CG
R	1245	CLR	20			093	75	26	35	08		990	714	CG
R	1348	CLR	20			085	77	27	03	06		987		CG
R	1446	CLR	20			077	78	25	16	03		985		CG
R	1547	CLR	20			078	78	29	03	03		985	614 1030 80 RADAT 53111	DS
R	1646	CLR	20			078	77	26	10	02		985	AC LYR W-NW	DS
R	1747	160 SCT	20			080	75	27	31	04		985		DS
R	1847	160 SCT	20			085	72	24	35	08		987	303 1030	DS
R	1948	160 SCT	20			090	70	16	01	08		988		DS
R	2047	CLR	20			095	68	18	01	09		990	FEW AC	DS
R	2146	CLR	20			098	66	18	03	07		991	214 80	DS
R	2245	CLR	20			101	65	17	03	03		992		DS
R	2347	CLR	20			098	65	19	03	09		992		DS

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 $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: WS410 DESERT ROCK NV

DATE: 1978 SEP 12

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	26.450	64.0	48.6	31	0															0	1	0.020			00-01
01 46	26.460	63.0	48.0	32	0															0					01-02
02 48	26.465	61.7	48.0	36	0															0					02-03
03 47	26.480	60.9	47.3	36	0															0	3	.030			03-04
04 52	26.505	58.6	46.6	40	0															0					04-05
05 47	26.525	58.0	46.0	39	0															0					05-06
06 47	26.555	60.2	47.0	36	0															0	2	.075			06-07
07 45	26.560	62.8	48.1	33	0															0					07-08
08 47	26.550	66.9	49.1	26	0															0					08-09
09 49	26.540	69.4	50.2	24	0															0	8	.015			09-10
10 49	26.530	71.0	49.0	17	0															0					10-11
11 48	26.520	73.8	50.0	15	0															0					11-12
12 45	26.500	75.3	51.5	16	0															0	7	.040			12-13
13 48	26.480	76.5	52.1	16	0															0					13-14
14 46	26.460	77.7	52.2	14	0															0					14-15
15 47	26.460	77.8	52.8	17	0	0	Ac	140												0	6	.040			15-16
16 46	26.460	77.0	52.0	15	0															0					16-17
17 47	26.460	74.5	51.3	17	1															1					17-18
18 47	26.470	71.6	49.3	16	2	2	Ac	160												2	3	.010			18-19
19 48	26.485	70.2	47.1	12	1															1					19-20
20 47	26.500	68.2	46.5	14	0															0					20-21
21 46	26.510	66.0	45.5	16	0															0	2	.040			21-22
22 45	26.520	65.3	45.1	15	0															0					22-23
23 47	26.515	64.5	45.0	17	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	66	60	X	X						X		
	0345	1	0	0	0	67	60		0								
	0845	2	0	0	0	69	58		0								
	1545	3	0	0	0	80	69		0								
	2144	4	0	0	0	78	65		0								
	MID.	X	0	0	0	67	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0846	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.540	26.460	26.510
BAROGRAPH 64	26.490	26.560	26.475	26.525
BAR. CORR. 65	-.010	-.020	-.015	-.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
80	58	0	0	0	18	N	0012					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:

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: 1978 SEP 13

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)	SECOND OBSERVER INITIALS (15)
R	0045	CLR	20			105	60	16	04	06		993	307	DS
R	0145	CLR	20			109	60	16	01	10		994		DS
R	0245	CLR	20			108	61	19	03	12		994		DS
R	0345	CLR	20			109	59	17	05	05		994	103 57 RADAT 20125	CG
R	0445	CLR	20			109	59	21	02	12		994		CG
R	0545	CLR	20			118	60	21	02	12		996		CG
R	0646	CLR	20			118	63	33	02	14		996	107	CG
R	0747	CLR	20			121	67	24	05	04		997		CG
R	0845	CLR	20			120	72	17	33	05		997		CG
R	0946	CLR	20			120	73	21	30	02		997	103 56	CG
R	1048	CLR	20			114	77	15	01	03		996		CG
R	1147	CLR	20			106	79	23	27	03		994		CG
R	1246	CLR	20			101	80	30	19	10		992	717 1008	CG
R	1345	CLR	20			087	82	29	20	12		988		CG
R	1445	CLR	20			075	83	29	24	12		985		CG
R	1550	300 - SCT	20			076	82	25	20	14	G24	985	620 1005 84 RADAT 43115	WRC
R	1650	160 SCT 300 SCT	20			074	80	25	17	12		984		WRC
R	1750	160 SCT E 300 BKN	20			075	78	24	16	09		984		WRC
R	1850	160 SCT E 300 BKN	20			074	77	25	16	06		984	603 1076	WRC
R	1950	E160 BKN 300 OVC	20			070	77	27	15	05		984		WRC
R	2050	E140 BKN 250 OVC	20			072	77	30	30	03		985		WRC
R	2150	E120 BKN 220 OVC	20			070	74	36	10	05		984	000 1076 84	WRC
R	2250	120 SCT E160 BKN	20			056	74	34	15	04		981		WRC
R	2350	160 SCT 220 SCT	20			054	70	35	09	04		980		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_dopp $6P_oP_oP_oP_o$ 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: 1978 SEP 13

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 45	26.530	60.2	42.3	17	0															0	3	0.20			00-01
01 45	26.540	60.2	42.5	17	0															0					01-02
02 45	26.540	61.2	43.5	19	0															0					02-03
03 48	26.540	59.0	42.0	19	0															0	1	.010			03-04
04 45	26.540	59.4	43.0	22	0															0					04-05
05 45	26.560	59.5	43.1	22	0															0					05-06
06 46	26.560	62.9	46.1	25	0															0	1	.020			06-07
07 47	26.570	67.2	47.3	19	0															0					07-08
08 45	26.570	71.5	47.8	12	0															0					08-09
09 46	26.570	73.0	49.2	14	0															0	1	.010			09-10
10 48	26.560	77.1	50.0	10	0															0					10-11
11 47	26.540	78.6	52.0	12	0															0					11-12
12 46	26.520	79.9	54.3	14	0	0	CS	300												0	7	.050			12-13
13 45	26.490	81.7	54.6	14	0															0					13-14
14 45	26.460	82.9	55.1	14	0															0					14-15
15 50	26.460	82.4	54.1	12	1	1	CS	300												0	6	.060			15-16
16 50	26.450	79.8	52.9	13	5															4					16-17
17 50	26.450	74.0	52.1	14	8															6					17-18
18 50	26.450	77.3	51.8	14	8	3	AC	160	8	CS	E300	8								6	6	.010			18-19
19 50	26.450	77.3	52.5	16	10	[illegible]	[illegible]													7					19-20
20 45	26.455	76.9	53.0	16	10															8					20-21
21 50	26.450	74.3	53.8	25	10	8	AC	E120	2	CS	220	10								8	0	.000			21-22
22 50	26.420	74.1	53.0	23	8															6					22-23
23 50	26.410	70.0	51.9	26	4															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 0345	X	0	0	X	65	57	X	X						X		
	0345	1	0	0	0	67	57		0								
	0944	2	0	0	0	73	56		0								
	1548	3	0	0	0	69	73		0								
	2149	4	0	0	0	63	74		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.460	26.450
BAROGRAPH 64	26.540	26.570	26.460	26.450
BAR. CORR. 65	0	*0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	56	0	0	0	24	S	1543					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:

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

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: 1978 SEP 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SIGN. INITIALS (15)
R	0030	E 120 BKN 160 BKN	20			049	69	41	15	04		979	717 1470	WRC
R	0150	E 120 BKN 160 OVC	20			039	72	40	16	10	G20	977	OCNL LTGIC DSNT NE	WRC
R	0254	120 SCT E160 BKN	20			031	71	42	14	10		974		WRC
R	0350	90 SCT E160 BKN 250 OVC	20			032	70	41	18	14	G24	974	614 1476 68 RADAT 37123	JK
R	0455	90 SCT 160 SCT E250 OVC	20			030	69	42	17	21	G31	973	PK WND 1835/33	JK
R	0555	90 SCT 160 SCT E250 BKN	20			041	69	37	19	14	G24	976	PK WND 1831/03	JK
R	0650	90 SCT 160 SCT E250 BKN	20			052	67	41	19	14	G27	979	PKWND 1832/31/314 1476	JK
R	0748	100 SCT 250 SCT	20			067	68	43	21	12	G23	984	PK WND 2029/18	JK
R	0849	90 SCT E 140 BKN	20			079	68	45	18	17		986	PK WND 1928/38	JK
R	0950	E 100 BKN	20			086	68	45	21	14		988	CB NW MOVG NE 1229 1300 66	JK
R	1045	100 SCT 250 SCT	20			084	71	43	18	14		988	CB N AND ENE	JK
R	1146	100 SCT 250 SCT	20			087	72	40	18	10		988	CB E TCU S	JK
R	1248	160 SCT 250 SCT	20			083	74	38	23	10		987	CBE 802 1301	JK
R	1349	E 90 BKN 250 BKN	20			075	73	38	13	10		986	CB ALQDS	JK
R	1450	90 SCT 250 SCT	20			077	75	36	26	08		986	CB NE-E AND NW	JK
R	1555	90 SCT	20			074	75	34	24	07	G16	985	707 1900 77 RADAT 5107	WRC
R	1650	90 SCT 250 SCT	20			075	73	35	28	12	G20	985	LINE CB E MOVG N	/
/	/	/	/			/	/	/	/	/	/	/	RWOE	WRC
R	1750	E 90 BKN 250 BKN	20			085	70	38	26	10	G20	987	CB E MOVG N RWOE	WRC
R	1850	90 SCT 250 SCT	20			104	65	44	10	15		992	CB NE MOVG N OCNL LTGIC	/
/	/	/	/			/	/	/	/	/		/	320 1902	WRC
R	1950	E 90 BKN	20			112	63	46	10	16	G24	994	CB DSNT NE MOVG N	/
/	/	/	/			/	/	/	/	/		/	OCNL LTGIC PKWND	WRC
/	/	/	/			/	/	/	/	/	/	/	1027/13	WRC
R	2050	E 90 BKN	20			125	61	47	10	14	G22	997	CB MOVG N	WRC
R	2150	90 SCT	20			129	61	47	09	10		999	222 1400 77	WRC
R	2250	90 SCT	20			134	60	46	09	05		001		WRC
R	2350	90 SCT	20			134	59	43	01	04		001		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: 1978 SEP 14
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.
0050	26.400	64.7	53.4	36	4	6	SC	E120	2	AC	160	4								8	7	.050			00-01
0150	26.360	72.0	54.2	31	10															4					01-02
0254	26.360	70.9	54.4	36	4															6					02-03
0350	26.360	70.0	54.0	35	10	3	SC	90	3	AC	E160	6	4	CS	250	10				6	6	.040			03-04
0455	26.350	69.1	54.1	38	10															6					04-05
0555	26.375	69.0	52.2	31	7															5					05-06
0650	26.400	67.1	52.9	39	7	3	CU	90	2	AC	160	5	2	CS	E250	7				5	3	.040			06-07
0748	26.445	67.6	53.9	40	4															4					07-08
0849	26.470	67.8	54.7	44	6															5					08-09
0950	26.485	67.8	54.7	44	6	6	CB	500												5	2	.085			09-10
1045	26.485	71.2	55.1	36	5															4					10-11
1146	26.485	72.2	54.3	31	4															4					11-12
1248	26.480	73.5	54.3	27	3	2	CB	100	1	CI	250	3								2	8	.005			12-13
1349	26.465	73.2	54.1	28	7															4					13-14
1450	26.470	75.2	54.1	24	5															4					14-15
1555	26.460	74.6	53.2	22	5	5	CB	90												5	7	.020			15-16
1650	26.460	73.0	53.0	25	5															5					16-17
1750	26.480	70.4	53.1	31	6															6					17-18
1850	26.520	64.7	52.9	47	5	5	CB	90	0	CI	250	5								5	3	.060			18-19
1950	26.540	63.2	53.5	54	7															7					19-20
2052	26.570	61.2	52.9	59	7															7					20-21
2150	26.595	61.0	52.4	59	5	5	SC	90												5	2	.065			21-22
2250	26.600	59.8	51.9	60	4															4					22-23
2350	26.602	58.9	50.1	55	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 0348	X	0	0	X	72	68	X	X						X		
	0348	1	0	0	0	75	68		0								
	0947	2	0	0	0	70	66		0								
	1553	3	0	0	0	77	67		0								
	2148	4	0	0	0	76	60		0								
	MID.	X	0	0	0	61	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1554	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.360	26.485	26.460	26.585
BAROGRAPH 64	26.350	26.480	26.455	26.575
BAR. CORR. 65	+.010	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	54	0	0	0	35	5	0433					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:

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: 1978 SEP 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)
R	0050	90 SCT	20			138	58	44	05	04		002	204 1400	WRC
R	0150	90 SCT	20			141	57	42	01	02		003		WRC
R	0250	90 SCT 230-SCT	20			143	56	43	36	05		003		WRC
R	0347	CLR	20			143	57	42	07	04		004	205 1401 56 RADAT 70103	JK
R	0447	90 SCT 250 SCT	20			150	57	43	36	07		005		JK
R	0550	E 90 BKN 250 BKN	20			163	58	43	36	09		008		JK
R	0649	E 90 BKN 250 BKN	20			173	60	42	09	07		011	122 1401	JK
R	0748	CLR	20			176	63	43	09	10		012	FEW CU	JK
R	0847	CLR	20			174	67	44	12	09		012	CU S	JK
R	0949	CLR	20			172	76	41	02	02		012	TCU S AND NW/163 12005	JK
R	1046	90 SCT	20			169	72	41	05	02		011		JK
R	1145	90 SCT	20			163	76	40	20	09		010	TCU N AND S	JK
R	1252	90 SCT	20			155	79	38	12	07G	17	007	TCU S/814 1200	JK
R	1345	90 SCT	20			153	78	35	09	10		007		JK
R	1448	90 SCT	20			144	79	34	09	08		007		JK
R	1550	90 SCT	20			145	77	36	09	09		004	610 1400 80 RADAT 87110	WRC
R	1650	90 SCT	20			144	77	37	09	10		004		WRC
R	1750	90 SCT	20			144	75	36	10	07		004		WRC
R	1850	90 SCT	20			147	72	41	09	03		004	500 1400	WRC
R	1950	CLR	20			151	70	41	35	02		006		WRC
R	2045	CLR	20			153	66	39	02	03		007		WRC
R	2150	CLR	20			150	65	40	09	02		006	005 80	WRC
R	2250	CLR	20			148	67	37	02	10		006		WRC
R	2350	CLR	20			149	64	39	09	05		007		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: 1978 SEP 1 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610	58.0	50.1	59	1	1	Sc	90												1	2	.025			00-01
01 50	26.615	56.5	49.4	58	2															2					01-02
02 50	26.620	56.1	49.0	61	3															1					02-03
03 47	26.625	56.8	49.0	57	0	0	Sc	90	0	Ci	250	0								0	2	.015			03-04
04 47	26.640	58.5	49.2	59	3															2					04-05
05 50	26.670	57.8	49.7	57	7															5					05-06
06 49	26.690	59.6	50.1	51	7	6	Sc	E90	1	Ci	250	7								5	1	.065			06-07
07 48	26.700	62.8	51.8	48	0															0					07-08
08 47	26.700	66.5	53.7	43	0															0					08-09
09 49	26.700	70.0	54.0	35	0	0	Cu	90												0	1	.010			09-10
10 46	26.690	72.2	54.8	33	1															1					10-11
11 45	26.680	76.1	56.1	27	2															2					11-12
12 52	26.660	79.2	56.6	23	2	2	Cu	90												2	8	.040			12-13
13 45	26.655	78.0	55.1	21	2															2					13-14
14 48	26.630	77.2	55.1	20	2															2					14-15
15 50	26.630	77.2	55.0	23	4	4	Sc	90												4	6	.030			15-16
16 50	26.630	77.3	55.3	23	2															2					16-17
17 50	26.625	75.2	55.0	26	2															2					17-18
18 50	26.630	72.1	54.7	32	1	1	Sc	90												1	5	.000			18-19
19 50	26.645	70.1	53.9	34	0															0					19-20
20 45	26.650	65.9	51.5	34	0															0					20-21
21 50	26.645	65.1	51.4	39	0															0	0	.015			21-22
22 50	26.645	67.2	51.2	33	0															0					22-23
23 50	26.650	63.4	50.6	40	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	59	56	X	X						X		
	0345	1	0	0	0	61	56		0								
	0947	2	0	0	0	71	56		0								
	1546	3	0	0	0	80	70		0								
	2146	4	0	0	0	79	63		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.700	26.630	26.645
BAROGRAPH 64	26.620	26.695	26.630	26.640
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 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
90	56	0	0	0	18	E	1358					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:

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: 1978 SEP 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)	GR. SERVER'S INITIALS (15)
R	0050	CLR	20			144	64	34	03	08		005	802	WRC
R	0150	CLR	20			143	64	37	03	10		004		WRC
R	0250	CLR	20			136	64	39	03	10		003		WRC
R	0350	CLR	20			138	64	39	04	06		003	607 61 RADAT 29125	JK
R	0448	CLR	20			139	63	38	01	09		003	Ci S	JK
R	0545	CLR	20			139	62	38	03	08		003	Sc AND Ci SSE	JK
R	0645	CLR	20			146	66	38	01	09		005	307 1401	JK
R	0746	CLR	20			146	70	39	01	11		005	Cu S	JK
R	0848	CLR	20			146	74	38	36	11		005	TCu SE	JK
R	0945	CLR	20			136	78	39	27	06		003	807 1101 60	JK
R	1046	CLR	20			123	80	39	36	04		999	Cu SE	JK
R	1145	CLR	20			114	81	37	03	04		997	Cu S	JK
R	1252	CLR	20			105	82	38	27	04		994	727 1100	JK
R	1350	CLR	20			095	85	37	20	04		992	Cu ALQDS	JK
R	1448	CLR	20			080	85	33	20	08		987	FEW Cu ALQDS	JK
R	1550	90 Sct 300 Sct	20			077	84	34	20	09		986	624 140186 RADAT20133	WRC
R	1650	90 Sct 300- Sct	20			074	83	34	21	10		986		WRC
R	1750	CLR	20			072	80	37	24	05		984	FEW Sc S	WRC
R	1850	CLR	20			069	75	33	33	02		983	710	WRC
R	1950	CLR	20			072	73	33	10	04		984		WRC
R	2050	CLR	20			067	71	32	10	02		983		WRC
R	2145	CLR	20			062	66	31	04	03		982	805 86	WRC
R	2250	CLR	20			059	64	34	00	00		981		WRC
R	2350	CLR	20			059	63	33	00	00		981		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: 1978 SEP 1 S

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	26.640	64.2	49.1	33	0															0	8	.005			00-01
01 50	26.635	64.0	50.0	37	0															0					01-02
02 50	26.622	64.1	50.4	40	0															0					02-03
03 50	26.620	63.9	50.8	40	0															0	6	.020			03-04
04 48	26.620	63.0	50.0	40	0															0					04-05
05 45	26.620	61.9	49.5	41	0															0					05-06
06 45	26.640	66.2	51.3	36	0	0	Sc	90	0	Ci	250	0								0	3	.020			06-07
07 46	26.640	70.2	53.1	32	0															0					07-08
08 48	26.640	73.7	54.3	27	0															0					08-09
09 45	26.620	77.8	56.2	25	0	0	Cu	90	0	Ci	250	0								0	8	.020			09-10
10 46	26.580	79.9	57.1	23	0															0					10-11
11 45	26.565	81.3	57.0	21	0															0					11-12
12 52	26.540	81.5	57.2	21	0	0	Cu	90												0	7	.080			12-13
13 50	26.520	84.5	58.1	18	0															0					13-14
14 48	26.480	84.6	57.0	16	0															0					14-15
15 50	26.470	83.7	56.9	17	3	2	Sc	90	1	Ci	300	3								2	6	.070			15-16
16 50	26.460	82.9	56.4	17	2															1					16-17
17 50	26.450	80.0	56.5	22	0															0					17-18
18 50	26.440	74.7	53.1	22	0															0	7	.030			18-19
19 50	26.450	72.6	52.1	23	0															0					19-20
20 50	26.440	70.8	51.1	24	0															0					20-21
21 45	26.425	66.3	48.9	26	0															0	8	.015			21-22
22 50	26.420	64.3	49.0	32	0															0					22-23
23 50	26.420	63.3	46.2	32	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 0348	X	0	0	X	64	61	X	X						X		
	0348	1	0	0	0	67	61		0								
	0943	2	0	0	0	78	60		0								
	1548	3	0	0	0	86	78		0								
	2143	4	0	0	0	64	65		0								
	MID.	X	0	0	0	66	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0944	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.620	26.470	26.425
BAROGRAPH 64	26.620	26.615	26.470	26.425
BAR. CORR. 65	±0	+.005	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	60	0	0	0	17	SW	1503					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:

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: 1978 SEP 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)
R	0050	CLR	20			056	64	33	01	04		981	803	WRG
R	0150	CLR	20			057	62	36	36	02		981		WRG
R	0245	CLR	20			052	61	34	02	02		979		WRG
R	0349	CLR	20			050	60	33	14	02		979	807 58 RADAT 39136	MR
R	0448	CLR	20			052	56	33	20	02		979		MR
R	0547	CLR	20			052	56	33	01	04		978		MR
R	0645	CLR	20			050	65	36	35	04		979	500	MR
R	0745	CLR	20			051	69	39	22	04		979		MR
R	0845	CLR	20			043	74	41	26	07		977		MR
R	0949	CLR	20			033	78	43	21	18	G26	973	PK WND 2126/48 815	MR
/													1002 55	/
R	1046	300 - SCT	20			026	80	42	18	20	G28	971	PK WND 1931/32	MR
R	1147	300 SCT	20			018	81	42	18	19	G28	969	Cu SE PK WND 1730/18	MR
R	1248	300 - SCT	20			004	82	41	17	20	G35	965	Cu ALQDS PK WND 1735/44	MR
/													825 1101	/
R	1347	CLR	20			989	81	41	18	24	G35	961	HVY Cu SE FEW Ci	MR
/													PK WND 1835/47	/
R	1446	CLR	20			980	83	41	19	21	G31	958	Cu ALQDS PK WND 1637/09	MR
R	1548	CLR	20			958	82	38	18	30	G38	951	PRESFR PK WND 1938/42	MR
/	/		/				/	/					842 1140 83 RADAT	/
/	/		/				/	/					20136	/
R	1650	CLR	20			947	80	33	19	23	G43	948	ACSL SE PK WND 1943/43	RD
R	1751	CLR	20			954	77	32	19	21	G36	949	PK WND 2042/15	RD
R	1850	CLR	20			960	74	34	20	21	G31	951	PK WND 2036/21 500	RD
—			—			—						—	1130	—
R	1950	CLR	20			986	71	34	21	16	G27	959	PRESRR PK WND 1835/03	RD
RS	2048	CLR	20			014	62	24	36	23	G30	967	WSHFT 03 FROPA	RD
—			—			—						—	PRESRR PK WND 3632/34	—
R	2151	CLR	20			043	61	17	34	18		975	PRESRR PK WND 3629/06	RD
—			—			—						—	273 1100 83	—
R	2250	140 SCT	20			059	59	11	32	17		980		RD
R	2349	140 SCT	20			069	57	12	32	10		983		RD

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: 1978 SEP 17

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	26.415	64.0	48.8	32	0															0	8	.010			00-01
01 50	26.415	62.0	46.6	38	0															0					01-02
02 45	26.400	60.6	47.3	36	0															0					02-03
03 49	26.395	59.7	46.6	36	0															0	8	.020			03-04
04 48	26.395	56.3	45.0	41	0															0					04-05
05 47	26.390	55.7	44.8	42	0															0					05-06
06 45	26.395	65.0	50.1	34	0															0	5	.000			06-07
07 45	26.395	68.9	52.6	33	0															0					07-08
08 45	26.380	73.7	55.4	31	0															0					08-09
09 49	26.350	77.5	57.6	29	0	0	Ci	300												0	8	.045			09-10
10 46	26.330	80.0	58.3	26	3															1					10-11
11 47	26.310	80.6	58.2	25	1															1					11-12
12 48	26.275	81.9	58.4	23	2	0	Cu	100	2	Ci	300	2								1	8	.075			12-13
13 47	26.235	80.8	58.2	25	0															0					13-14
14 46	26.210	83.2	59.0	23	0															0					14-15
15 48	26.150	82.1	57.4	21	0	0	Cu	100	0	Ac	160	0								0	8	.125			15-16
16 50	26.115	80.0	55.2	18	0															0					16-17
17 51	26.125	76.7	53.7	20	0															0					17-18
18 50	26.150	73.6	53.0	24	0	0	Cu	90	0	Ac	160	0								0	5	.000			18-19
19 50	26.220	71.2	52.0	26	0															0					19-20
20 48	26.290	62.0	45.0	23	0															0					20-21
21 51	26.365	61.1	43.0	18	0	0	Cu	90												0	2	.215			21-22
22 50	26.410	59.0	46.9	15	2															2					22-23
23 49	26.440	57.0	40.0	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 0343	X	0	0	X	64	58	X	X						X		
	0343	1	0	0	0	66	58		0								
	0943	2	0	0	0	78	55		0								
	1543	3	0	0	0	83	77		0								
	2144	4	0	0	0	83	58		0								
	MID.	X	0	0	0	61	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1544	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.395	26.350	26.150	26.365
BAROGRAPH 64	26.380	26.350	26.145	26.360
BAR. CORR. 65	+.015	*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
83	55	0	0	0	43	S	1643					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:

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

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: 1978 SEP 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)	OB. SERVER'S INITIALS (15)
R	0050	CLR	20			078	54	23	03	07		986	236 1050	RD
R	0149	CLR	20			086	53	18	03	10		987		RD
R	0249	CLR	20			086	51	18	03	06		988		RD
R	0347	CLR	20			099	48	18	03	07		991	317 48 RADAT 41073	MR
R	0448	CLR	20			104	46	16	03	08		992		MR
R	0545	CLR	20			112	48	15	04	07		993		MR
R	0645	CLR	20			116	52	16	08	04		995	312	MR
R	0750	CLR	20			125	55	12	04	06		997		MR
R	0845	CLR	20			130	58	13	03	10		998		MR
R	0947	CLR	20			129	58	12	36	10		998	108 45	MR
R	1047	CLR	20			126	58	11	05	04		997	Cu SE NE	MR
R	1148	CLR	20			118	62	11	30	03		994	Cu SE NW	MR
R	1250	CLR	20			116	64	10	34	04		994	612 1100	MR
R	1348	CLR	20			109	64	9	04	08		992	Cu ALQDS	MR
R	1447	CLR	20			108	65	6	25	08		991	Cu ALQDS	MR
R	1549	80 SCT 200 SCT	20			107	63	13	19	04		990	612 1101 67 RADAT 26086	RD
R	1650	E80 BKN 200 BKN	20			111	63	12	35	10		991		RD
R	1747	80 SCT 200 SCT	20			111	63	4	01	04	G13	991		RD
R	1849	80 SCT 200 SCT	20			122	61	4	35	12		995	315 1101	RD
R	1949	200 SCT	20			121	56	14	36	12		994		RD
R	2051	140 SCT 200-BKN	20			140	56	15	36	17		000		RD
R	2149	140 SCT 200-BKN	20			152	54	20	36	14	G24	003	325 1051 67	RD
R	2248	140 SCT 200-BKN	20			148	53	21	01	21		003		RD
R	2350	140-SCT 200-BKN	20			163	51	21	02	10		007		RD

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: 1978 SEP 1 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 50	26.460	54.1	40.9	30	0	0	Ac	140												0	2	.095			00-01
01 49	26.475	53.0	39.2	25	0															0					01-02
02 49	26.480	51.4	38.3	27	0															0					02-03
03 47	26.510	48.4	36.8	30	0															0	3	.050			03-04
04 48	26.515	45.9	35.0	30	0															0					04-05
05 45	26.530	47.7	35.6	26	0															0					05-06
06 45	26.545	52.2	38.2	23	0															0	3	.035			06-07
07 50	26.565	54.8	38.9	18	0															0					07-08
08 45	26.570	57.7	40.6	17	0															0					08-09
09 47	26.570	57.7	40.3	16	0															0	1	.025			09-10
10 47	26.560	58.2	40.5	15	0															0					10-11
11 48	26.540	61.9	42.3	13	0															0					11-12
12 50	26.535	64.3	43.3	12	0	0	Cu	100												0	6	.035			12-13
13 48	26.515	64.0	43.0	11	0															0					13-14
14 47	26.510	65.0	43.1	10	0															0					14-15
15 49	26.500	63.2	43.4	14	4	4	Cu	80	0	Ci	200	4								4	6	.035			15-16
16 50	26.510	63.0	43.0	13	6															6					16-17
17 47	26.510	62.7	41.8	10	5															5					17-18
18 49	26.545	60.9	40.8	10	2	1	Cu	80	1	Ci	200	2								2	3	.045			18-19
19 49	26.540	56.3	40.1	19	2															2					19-20
20 51	26.590	56.0	40.2	20	6															3					20-21
21 49	26.620	53.6	39.8	27	6	1	Ac	140	6	Ci	200	6								3	3	.075			21-22
22 46	26.620	53.3	40.0	28	6															3					22-23
23 50	26.650	51.1	38.9	31	6															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	48	X	X						X		
	0343	1	0	0	0	61	48		0								
	0943	2	0	0	0	60	45		0								
	1543	3	0	0	0	67	58		0								
	2143	4	0	0	0	66	54		0								
	MID.	X	0	0	0	56	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.570	26.500	26.620
BAROGRAPH 64	26.495	26.555	26.500	26.615
BAR. CORR. 65	+.015	+.015	+0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	45	0	0	0	24	N	2143					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:

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: 1978 SEP 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)	SERVICE INITIALS (15)
R	0050	140 - SCT 200 - BKN	20			175	50	21	31	02		010	320 1058	RD
R	0151	CLR	20			176	49	22	05	06		011		RD
R	0250	CLR	20			180	49	20	06	04		012		RD
R	0349	CLR	20			188	49	20	07	05		014	312 47 RADAT 33083	MR
R	0449	CLR	20			195	48	22	05	07		015	CI SE	MR
R	0549	CLR	20			200	47	22	02	12		016		MR
R	0649	CLR	20			204	50	23	04	10		018	214	MR
R	0745	CLR	20			214	52	24	04	13		020		MR
R	0847	CLR	20			214	55	22	03	15		021		MR
R	0947	CLR	20			208	57	21	36	14		019	003 1100 46	MR
R	1045	CLR	20			207	59	17	02	10		018	Cu NW	MR
R	1148	CLR	20			204	63	17	04	10		018	Cu NW	MR
R	1250	CLR	20			198	64	16	04	10		016	808 1100	MR
R	1349	CLR	20			197	64	15	02	10		016	Cu NW	MR
R	1446	CLR	20			191	65	15	35	10	G16	014	Cu NW	MR
R	1549	CLR	20			184	68	16	36	15	G24	013	212 68 RADAT 41089	RD
R	1649	CLR	20			186	65	17	36	07	G17	013		RD
R	1749	CLR	20			191	64	18	02	10		014		RD
R	1849	CLR	20			195	61	17	03	07		015	2-08	RD
R	1949	CLR	20			206	60	19	01	05		018		RD
R	2048	CLR	20			210	58	18	01	10		020		RD
R	2148	CLR	20			214	56	19	01	10		022	2-19 68	RD
R	2250	CLR	20			219	54	20	01	10		023		RD
R	2350	CLR	20			220	53	21	01	12		023		RD

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} $6P_oP_oP_oP_o$ 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)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV
DATE: 1978 SEP 13
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	26.680	49.7	38.0	31	7	3	Ac	140	4	Cs	200	7								2	3	.060			00-01
01 51	26.685	49.0	38.1	34	0															0					01-02
02 50	26.695	49.0	37.6	32	0															0					02-03
03 49	26.715	48.6	37.4	33	0															0	3	.035			03-04
04 49	26.730	48.2	37.6	35	0															0					04-05
05 49	26.740	47.4	37.3	37	0															0					05-06
06 49	26.755	50.1	38.9	35	0															0	2	.040			06-07
07 45	26.775	52.0	40.0	33	0															0					07-08
08 47	26.780	55.3	41.3	27	0															0					08-09
09 47	26.765	57.3	42.1	25	0	0	Cu	100												0	0	.010			09-10
10 45	26.760	59.0	42.0	19	0															0					10-11
11 48	26.755	62.9	43.9	17	0															0					11-12
12 50	26.740	63.5	44.0	16	0	0	Cu	110												0	8	.025			12-13
13 49	26.735	64.0	44.0	15	0															0					13-14
14 46	26.720	64.8	44.4	14	0															0					14-15
15 49	26.705	67.8	46.0	14	0															0	7	.035			15-16
16 49	26.710	65.1	45.0	16	0															0					16-17
17 49	26.720	64.0	44.6	17	0															0					17-18
18 49	26.730	61.4	43.1	19	0															0	2	.025			18-19
19 49	26.760	60.0	42.9	20	0															0					19-20
20 48	26.795	57.8	41.6	21	0															0					20-21
21 48	26.785	56.1	41.0	23	0															0	2	.055			21-22
22 50	26.795	54.1	40.2	26	0															0					22-23
23 50	26.800	53.0	39.8	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	51	47	X	X						X		
	0343	1	0	0	0	56	47		0								
	0943	2	0	0	0	58	46		0								
	1542	3	0	0	0	68	57		0								
	2144	4	0	0	0	68	56		0								
	MID.	X	0	0	0	56	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.715	26.765	26.705	26.785
BAROGRAPH 64	26.715	26.765	26.710	26.785
BAR. CORR. 65	0	0	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	* 81
68	46	0	0	0	24	N	1544					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:

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 SEP 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. SERVER'S INITIALS (15)
R	0049	CLR	20			223	52	20	01	10		024	208	RD
R	0149	CLR	20			224	51	20	04	11		024		RD
R	0250	CLR	20			221	52	20	04	10		024		RD
R	0345	CLR	20			223	48	22	01	11		024	400 48 RADAT 20100	GH
R	0445	CLR	20			225	48	22	02	10		024		GH
R	0545	CLR	20			229	48	24	01	11		025		GH
R	0645	CLR	20			228	52	24	01	12		025	103	GH
R	0745	CLR	20			229	54	23	01	18		025		GH
R	0845	CLR	20			231	58	21	02	16		026		GH
R	0948	CLR	20			226	61	17	01	15		025	000 46	GH
R	1046	CLR	20			222	65	18	03	12		024		GH
R	1145	CLR	20			210	66	16	06	13		021		GH
R	1245	CLR	20			202	67	13	02	09		018	720	GH
R	1347	CLR	20			198	70	19	03	12		017		GH
R	1452	CLR	20			189	70	10	02	12		015		GH
R	1549	CLR	20			188	71	14	05	10		015	712 72 RADAT 21129	CRD
R	1646	CLR	20			188	70	12	05	10		014		CRD
R	1745	CLR	20			190	68	13	05	08		014		CRD
R	1846	CLR	20			188	66	17	06	07		014	602	CRD
R	1947	CLR	20			193	60	18	02	07		015		CRD
R	2045	CLR	20			190	61	19	06	08		015		CRD
R	2148	CLR	20			188	61	17	03	09		015	102 72	CRD
R	2248	CLR	20			187	58	22	01	10		015		CRD
R	2345	CLR	20			186	56	21	19	02		014		CRD

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: 1978 SEP 20

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 49	26.810	52.0	39.0	28	0															0	2	.025			00-01
01 49	26.810	50.6	38.4	30	0															0					01-02
02 50	26.810	52.0	39.1	28	0															0					02-03
03 45	26.810	48.2	37.5	35	0															0	4	.000			03-04
04 45	26.810	47.6	37.3	36	0															0					04-05
05 45	26.820	48.0	38.0	38	0															0					05-06
06 45	26.820	51.8	40.0	33	0															0	1	.010			06-07
07 45	26.820	53.5	40.5	30	0															0					07-08
08 45	26.830	57.6	42.2	24	0															0					08-09
09 48	26.820	61.3	43.0	17	0															0	0	.000			09-10
10 46	26.810	65.0	45.0	16	0															0					10-11
11 45	26.780	65.6	45.0	15	0															0					11-12
12 45	26.760	67.0	45.0	12	0															0	7	.060			12-13
13 47	26.750	69.8	42.5	14	0															0					13-14
14 52	26.730	70.3	46.1	9	0															0					14-15
15 49	26.725	71.1	47.1	11	0															0	7	.035			15-16
16 46	26.720	70.2	46.4	10	0															0					16-17
17 45	26.720	68.0	45.6	12	0															0					17-18
18 46	26.720	65.6	45.2	15	0															0	6	.005			18-19
19 47	26.725	60.3	42.8	19	0															0					19-20
20 45	26.725	60.8	43.2	19	0															0					20-21
21 48	26.725	61.1	43.0	18	0															0	1	.005			21-22
22 48	26.725	57.6	42.4	25	0															0					22-23
23 45	26.720	55.6	41.2	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	53	48	X	X						X		
	0343	1	0	0	0	56	48		0								
	0945	2	0	0	0	62	46		0								
	1545	3	0	0	0	72	61		0								
	2144	4	0	0	0	72	58		0								
	MID.	X	0	0	0	61	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26810	26820	26.725	26.725
BAROGRAPH 64	26820	26830	26.730	26.735
BAR. CORR. 65	-010	-010	-005	-010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	46	0	0	0	24	N	0851					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:

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: SEP 21 1978

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)
R	0046	CLR	20			186	54	23	02	05		014	602	CRD
R	0146	CLR	20			186	54	23	02	08		014		CRD
R	0246	CLR	20			179	53	20	03	07		013		CRD
R	0347	CLR	20			177	53	20	02	13		012	607 50 RADAT 22132	GH
R	0445	CLR	20			182	52	20	01	10		013		GH
R	0551	CLR	20			186	52	17	04	04		014		GH
R	0653	CLR	20			189	57	17	01	05		015	310	GH
R	0752	CLR	20			189	61	19	07	06		015		GH
R	0854	CLR	20			187	65	19	11	08		015		GH
R	0951	CLR	20			178	68	18	12	15		013	807 48	GH
R	1047	CLR	20			171	71	16	11	13	G23	011		GH
R	1148	CLR	20			163	72	16	10	14		008		GH
R	1246	CLR	20			148	76	16	10	09		004	727	GH
R	1350	CLR	20			142	78	16	10	10		003	FEW Ci NW	GH
R	1452	CLR	20			138	78	14	13	11		002	FEW Ci NW	GH
R	1548	300-SCT	20			137	78	14	12	08		002	708 1001 80 RADAT 25132	CRD
R	1645	300 SCT	20			135	77	16	11	10		001		CRD
R	1745	300 SCT	20			137	72	14	10	07		001		CRD
R	1846	300 SCT	20			141	67	14	09	06		002	500 1001	CRD
R	1945	300 SCT	20			141	68	15	09	05		002		CRD
R	2045	CLR	20			146	60	18	01	02		003		CRD
R	2146	CLR	20			150	58	17	09	03		004	208 80	CRD
R	2245	CLR	20			153	57	13	04	03		005		CRD
R	2345	CLR	20			157	62	6	11	04		007		CRD

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: SEP 21 1978

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 46	26.720	54.1	41.0	30	O															O	6	.005			00-01
01 46	26.720	53.8	40.8	30	O															O					01-02
02 46	26.705	53.0	39.7	27	O															O					02-03
03 47	26.700	52.8	39.6	28	0															0	6	.020			03-04
04 45	26.710	52.0	39.0	28	0															0					04-05
05 51	26.720	52.3	38.8	24	0															0					05-06
06 53	26.730	57.0	41.0	21	0															0	3	.030			06-07
07 52	26.730	60.8	43.2	19	0															0					07-08
08 54	26.730	64.6	45.0	17	0															0					08-09
09 51	26.710	68.0	46.5	15	0															0	8	.020			09-10
10 47	26.690	70.5	47.2	12	0															0					10-11
11 48	26.670	72.4	48.0	11	0															0					11-12
12 46	26.630	75.8	49.6	10	0															0	7	.080			12-13
13 50	26.620	78.0	50.5	10	0															0					13-14
14 52	26.610	78.4	50.3	9	0															0					14-15
15 48	26.605	78.3	50.2	9	3	3	Ci	300												1	7	025			15-16
16 45	26.600	76.5	49.8	10	2															2					16-17
17 45	26.600	72.3	47.7	11	2															2					17-18
18 46	26.605	67.4	45.4	12	1	1	Ci	300												1	5	000			18-19
19 45	26.610	68.2	46.0	13	1															1					19-20
20 45	26.620	60.3	42.8	19	O															O					20-21
21 46	26.630	58.2	41.6	20	O															O	2	025			21-22
22 45	26.640	57.4	40.4	17	O															O					22-23
23 45	26.660	61.8	41.5	11	O															O					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	O	O	X	56	50	X	X						X		
	0345	1	O	O	O	61	50		O								
	0945	2	O	O	O	69	48		O								
	1545	3	O	O	O	80	68		O								
	2144	4	O	O	O	79	58		O								
	MID.	X	O	O	O	63	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0851	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26700	26710	26.605	26630
BAROGRAPH 64	26720	26710	26.610	26.645
BAR. CORR. 65	-.020	±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
80	48	O	O	O	23	SE	1038					O			

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 CHART CHANGED 1000 PST. RESET TO "0" COR.

☆ 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: SEP 22 1978

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. SEQUENCE INITIALS (15)
R	0046	CLR	20			158	56	12	31	05		007	110	CRD
R	0145	CLR	20			160	53	13	27	02		008		CRD
R	0245	CLR	20			163	50	13	02	02		008		CRD
R	0348	CLR	20			162	52	15	17	01		008	103 50 RADAT 24132	GH
R	0445	CLR	20			170	52	11	35	04		011	FEW Ci	GH
R	0546	250 - SCT	20			176	53	11	08	02		012		GH
R	0650	250 - SCT	20			183	58	9	31	02		014	217 1001	GH
R	0747	250 - SCT	20			182	68	10	12	03		015		GH
R	0848	250 - SCT	20			183	73	10	24	02		015		GH
R	0949	250 - SCT	20			182	78	11	10	06		015	103 1001 49	GH
R	1046	250 - SCT	20			181	80	6	11	08		015		GH
R	1145	250 - SCT	20			169	83	13	14	06		013		GH
R	1248	250 - SCT	20			169	85	14	36	02		012	810 1001	GH
R	1346	CLR	20			166	87	11	28	04		011	FEW Ci	GH
R	1450	CLR	20			162	88	14	31	04		010	FEW Ci	GH
R	1549	250 - SCT	20			163	88	4	25	06		010	607 1001 88 RADAT 34143	CRD
R	1645	250 - SCT	20			159	86	11	23	06		008		CRD
R	1745	250 - SCT	20			166	78	16	28	04		010		CRD
R	1846	CLR	20			166	72	16	36	05		010	500	CRD
R	1945	CLR	20			171	67	14	06	03		012		CRD
R	2047	CLR	20			178	65	17	07	05		014		CRD
R	2147	CLR	20			180	64	19	00	00		015	217 88	CRD
R	2245	CLR	20			180	61	17	05	02		015		CRD
R	2345	CLR	20			185	57	21	11	02		016		CRD

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

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_d$oop $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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: SEP 22 1978

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 46	26.660	56.4	39.8	17	O															O	1	030			00-01
01 45	26.665	52.5	37.8	20	O															O					01-02
02 45	26.670	50.4	36.8	22	0															0					02-03
03 48	26.670	52.0	38.0	23	0															0	1	.010			03-04
04 45	26.690	57.6	37.0	19	0															0					04-05
05 46	26.700	53.2	37.8	18	4															0					05-06
06 50	26.720	57.8	40.0	15	3	3	C1	250												0	2	.050			06-07
07 47	26.730	68.0	45.0	10	3															0					07-08
08 48	26.730	72.6	47.2	9	3															0					08-09
09 49	26.730	77.7	49.6	8	3	3	C1	250												0	1	.010			09-10
10 46	26.730	80.3	50.0	6	3															0					10-11
11 45	26.710	83.0	52.0	7	2															0					11-12
12 48	26.700	84.5	52.8	7	2	2	C1	250												0	8	.030			12-13
13 46	26.690	86.6	53.3	6	0															0					13-14
14 50	26.680	87.5	54.0	6	0															0					14-15
15 47	26.680	87.6	52.8	4	2	2	C1	250												O	6	020			15-16
16 45	26.670	85.8	53.0	6	5															1					16-17
17 45	26.680	78.3	50.6	9	3															O					17-18
18 46	26.680	72.2	48.0	12	O															O	5	000			18-19
19 45	26.700	67.4	45.4	12	O															O					19-20
20 47	26.720	64.8	44.7	15	O															O					20-21
21 47	26.730	64.2	44.8	18	O															O	2	050			21-22
22 45	26.730	61.0	43.0	18	O															O					22-23
23 45	26.740	57.4	42.1	24	O															O					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	62	50	X	X						X		
	0345	1	0	0	0	63	50		0								
	0945	2	0	0	0	79	49		0								
	1545	3	O	O	O	88	78		O								
	2145	4	O	O	O	88	63		O								
	MID.	X	O	O	O	64	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26670	26730	26680	26730
BAROGRAPH 64	26680	26740	26695	26745
BAR. CORR. 65	-010	-010	-015	-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	49	O	O	O	17	SE	1023					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:

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: SEP 23 1975

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 SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
R	0045	CLR	20			183	58	15	32	02		016	103	CRD
R	0145	CLR	20			181	59	18	34	05		016		CRD
R	0245	CLR	20			181	57	14	10	02		016		CRD
R	0348	CLR	20			182	56	17	06	03		016	400 55 RADAT 37140	GH
R	0445	CLR	20			185	58	15	00	00		017		GH
R	0550	CLR	20			196	59	17	00	00		019		GH
R	0647	CLR	20			201	63	18	10	02		021	214	GH
R	0751	CLR	20			200	72	19	00	00		021		GH
R	0846	CLR	20			198	79	15	36	08		021		GH
R	0948	CLR	20			196	82	21	36	05		021	400 55	GH
R	1046	CLR	20			191	87	20	22	02		018		GH
R	1145	CLR	20			181	88	19	06	01		016		GH
R	1248	CLR	20			172	91	28	22	03		014	720	GH
R	1345	CLR	20			160	90	25	26	07		011		GH
R	1445	CLR	20			157	90	27	27	04		010		GH
R	1545	CLR	20			158	93	23	31	04		010	614 93 RADAT 36140	CRD
R	1645	CLR	20			153	90	29	09	07		008		CRD
R	1746	CLR	20			157	84	28	07	02		008		CRD
R	1845	CLR	20			160	79	31	30	02		010	500	CRD
R	1945	CLR	20			165	75	26	13	02		012		CRD
R	2045	CLR	20			164	71	28	07	04		012		CRD
R	2145	CLR	20			161	73	29	11	07		012	107 93	CRD
R	2245	CLR	20			160	69	26	27	03		012		CRD
R	2345	CLR	20			161	67	26	26	02		012		CRD

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 $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: SEP 23 [illegible]

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	26.740	58.3	41.3	18	0															0	1	010			00-01
01 45	26.740	58.8	42.0	20	0															0					01-02
02 45	26.740	57.2	40.5	18	0															0					02-03
03 48	26.740	56.0	40.4	21	0															0	4	.000			03-04
04 45	26.750	57.8	41.0	18	0															0					04-05
05 50	26.770	59.0	42.0	19	0															0					05-06
06 47	26.780	62.8	44.0	17	0															0	2	.040			06-07
07 51	26.780	72.4	48.6	13	0															0					07-08
08 46	26.780	78.9	50.7	9	0															0					08-09
09 48	26.780	82.0	53.0	10	0															0	4	.000			09-10
10 46	26.760	86.9	54.7	8	0															0					10-11
11 45	26.740	88.0	55.0	8	0															0					11-12
12 48	26.720	90.8	58.0	11	0															0	7	.060			12-13
13 45	26.690	90.0	57.0	10	0															0					13-14
14 45	26.680	90.2	57.4	10	0															0					14-15
15 45	26.680	93.0	57.7	8	0															0	6	040			15-16
16 45	26.670	89.5	57.6	11	0															0					16-17
17 46	26.670	84.4	55.4	13	0															0					17-18
18 45	26.680	78.8	54.0	17	0															0	5	000			18-19
19 45	26.700	74.9	51.3	16	0															0					19-20
20 45	26.700	71.3	50.2	20	0															0					20-21
21 45	26.700	72.9	51.2	20	0															0	1	020			21-22
22 45	26.700	63.7	48.6	20	0															0					22-23
23 45	26.700	66.8	47.8	21	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	59	55	X	X						X		
	0345	1	0	0	0	64	55		0								
	0945	2	0	0	0	83	55		0								
	1543	3	0	0	0	93	82		0								
	2143	4	0	0	0	93	68		0								
	MID.	X	0	0	0	73	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26740	26780	26680	26700
BAROGRAPH 64	26760	26790	26690	26720
BAR. CORR. 65	-020	-010	-010	-020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	17	W	1219					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:

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: SEP 24 1978

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)
R	0045	CLR	20			161	68	28	30	03		013	302	CRD
R	0145	CLR	20			162	65	30	00	00		013		CRD
R	0247	CLR	20			163	67	24	32	05		013		CRD
R	0349	CLR	20			160	71	28	02	11		013	102 64 RADAT 34137	RK
R	0445	CLR	20			166	71	27	02	13		014		RK
R	0545	CLR	20			173	69	28	03	09		015		RK
R	0645	CLR	20			177	73	28	02	11		016	310	RK
R	0745	CLR	20			181	77	27	02	12		017		RK
R	0845	CLR	20			181	81	29	04	06		017		RK
R	0945	CLR	20			177	86	33	09	10		017	103 64	RK
R	1045	CLR	20			175	89	31	11	07		016		RK
R	1145	CLR	20			168	90	30	10	08		014		RK
R	1245	CLR	20			159	90	31	10	06		012	817	RK
R	1345	CLR	20			152	91	31	36	11		010		RK
R	1445	CLR	20			143	92	30	05	08		007		RK
R	1550	CLR	20			140	92	28	04	13		008	714 1100 94 RADAT 53129	LEF
R	1650	CLR	20			140	90	28	05	11		007		LEF
R	1749	CLR	20			143	86	28	09	10		007		LEF
R	1848	CLR	20			145	80	29	10	10		008	500	LEF
R	1950	CLR	20			149	74	31	33	03		008		LEF
R	2048	CLR	20			153	73	29	05	03		010		LEF
R	2150	CLR	20			156	69	33	17	03		011	210 94	LEF
R	2249	CLR	20			155	70	29	03	06		011		LEF
R	2350	CLR	20			159	68	32	09	02		012		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: SEP 24 1979

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	26.705	69.4	49.0	22	0															0	3	005			00-01
01 45	26.705	65.0	48.0	26	0															0					01-02
02 47	26.710	67.2	47.5	20	0															0					02-03
03 49	26.710	70.5	50.0	21	0															0	1	005			03-04
04 45	26.720	70.6	49.6	19	0															0					04-05
05 45	26.730	69.4	49.3	21	0															0					05-06
06 45	26.740	73.3	51.1	19	0															0	3	030			06-07
07 45	26.750	76.8	52.2	16	0															0					07-08
08 45	26.750	81.3	54.6	15	0															0					08-09
09 45	26.750	85.6	57.4	15	0															0	1	010			09-10
10 45	26.740	88.8	57.9	13	0															0					10-11
11 45	26.720	89.6	57.9	12	0															0					11-12
12 45	26.700	90.1	58.5	12	0															0	8	050			12-13
13 45	26.680	91.0	58.6	12	0															0					13-14
14 45	26.660	91.9	58.7	11	0															0					14-15
15 50	26.660	92.0	58.9	10	0	0	cu	120												0	7	040			15-16
16 50	26.655	90.0	57.7	11	0															0					16-17
17 49	26.655	85.5	55.9	12	0															0					17-18
18 48	26.660	80.3	54.1	15	0															0	5	000			18-19
19 50	26.665	74.4	52.3	20	0															0					19-20
20 48	26.680	73.2	51.2	19	0															0					20-21
21 50	26.690	69.4	51.0	26	0															0	2	030			21-22
22 49	26.690	70.0	50.0	22	0															0					22-23
23 50	26.700	68.3	50.0	26	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 0346	X	0	0	X	78	64	X	X						X		
	0346	1	0	0	0	73	64		0								
	0943	2	0	0	0	86	68		0								
	1545	3	0	0	0	94	86		0								
	2145	4	0	0	0	92	69		0								
	MID.	X	0	0	0	70	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.750	26.660	26.690
BAROGRAPH 64	26.725	26.770	26.670	26.690
BAR. CORR. 65	-015	-020	-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
94	64	0	0	0	19	E	1419					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:

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: 1978 SEP 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)	SEQUENCE INITIALS (15)
R	0050	CLR	20			160	66	28	34	02		012	103	LEF
R	0150	CLR	20			155	66	31	04	04		011		LEF
R	0250	CLR	20			156	66	31	33	04		011		LEF
R	0345	CLR	20			160	64	29	04	03		012	500 62 RADAT 44132	RK
R	0447	CLR	20			163	67	30	12	02		013		RK
R	0547	CLR	20			166	69	34	01	03		014		RK
R	0650	CLR	20			173	73	38	02	05		015	210	RK
R	0753	CLR	20			176	79	40	07	09		016		RK
R	0845	CLR	20			176	80	41	11	09		016		RK
R	0945	CLR	20			168	84	40	04	04		014	803 62	RK
R	1045	CLR	20			160	86	39	10	12		012		RK
R	1145	CLR	20			152	88	39	09	12		010		RK
R	1247	CLR	20			145	90	37	07	09		008	720 1100	RK
R	1346	CLR	20			136	91	36	01	09		005		RK
R	1445	CLR	20			129	92	33	02	10		003		RK
R	1550	CLR	20			126	90	32	10	11		002	717 1100 92 RADAT39136	LEF
R	1650	CLR	20			124	90	33	07	13		002		LEF
R	1750	CLR	20			113	85	35	09	08		001		LEF
R	1850	CLR	20			129	78	34	10	08		003	302 1101	LEF
R	1949	CLR	20			136	76	33	11	05		005		LEF
R	2048	CLR	20			136	75	32	10	03		005		LEF
R	2148	CLR	20			137	72	32	01	05		005	208 92	LEF
R	2249	CLR	20			141	72	33	09	03		007		LEF
R	2350	CLR	20			137	68	33	11	10		005		LEF

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

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_d$app $6P_oP_oP_oP_o$ 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: 1978 SEP 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	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	26.700	66.1	48.0	24	0															0	1	010			00-01
01 50	26.690	66.0	48.9	27	0															0					01-02
02 50	26.690	66.0	48.9	27	0															0					02-03
03 45	26.700	63.6	47.1	27	0															0	5	000			03-04
04 47	26.710	67.1	48.9	25	0															0					04-05
05 47	26.720	69.4	51.1	27	0															0					05-06
06 50	26.730	72.8	53.8	28	0															0	2	030			06-07
07 53	26.740	78.8	57.0	25	0															0					07-08
08 45	26.740	80.3	57.8	25	0															0					08-09
09 45	26.720	84.1	58.8	21	0															0	8	010			09-10
10 45	26.700	86.3	59.3	19	0															0					10-11
11 45	26.680	88.2	59.9	18	0															0					11-12
12 47	26.660	90.2	60.1	15	0	0	Cu	60												0	7	060			12-13
13 46	26.640	91.0	60.2	15	0															0					13-14
14 45	26.620	91.9	59.6	13	0															0					14-15
15 50	26.610	90.2	58.6	13	0	0	Cu	60												0	7	050			15-16
16 50	26.605	89.7	58.8	13	0															0					16-17
17 50	26.600	85.4	57.8	17	0															0					17-18
18 50	26.615	78.4	54.9	20	0	0	Cu	60	0	Ci	300	0								0	3	005			18-19
19 49	26.635	75.8	53.4	21	0															0					19-20
20 48	26.640	75.2	52.9	20	0															0					20-21
21 48	26.640	72.1	51.7	23	0															0	2	025			21-22
22 49	26.650	72.0	52.0	24	0															0					22-23
23 50	26.640	68.2	50.2	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	68	62	X	X						X		
	0343	1	0	0	0	70	62		0								
	0942	2	0	0	0	84	63		0								
	1549	3	0	0	0	92	84		0								
	2143	4	0	0	0	90	71		0								
	MID.	X	0	0	0	72	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.610	26.640
BAROGRAPH 64	26.705	26.720	26.610	26.640
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
92	62	0	0	0	21	N	1616					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:

* BAROGRAM CHANGED AND SET 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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1978 SEP 26

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)
R	0047	CLR	20			140	69	32	34	02		007	303	LEF
R	0149	CLR	20			140	67	34	04	04		007		LEF
R	0250	CLR	20			140	64	33	34	01		007		LEF
R	0345	CLR	20			138	64	34	34	05		005	803 61 RADAT 57130	RK
R	0446	CLR	20			141	61	36	06	03		006		RK
R	0545	CLR	20			150	63	33	03	03		008		RK
R	0645	CLR	20			158	67	34	26	03		010	314 1001	RK
R	0745	CLR	20			160	73	35	31	02		011		RK
R	0845	300-SCT	20			160	82	34	14	03		012		RK
R	0951	300-SCT	20			155	87	37	11	06		011	003 1001 59	RK
R	1046	300-SCT	20			150	89	36	15	07		010		RK
R	1145	300-BKN	20			147	91	33	36	07		009		RK
R	1245	300-BKN	20			137	92	31	28	07		007	714 1001	RK
R	1350	300-BKN	20			132	93	26	14	09		004		RK
R	1445	300-BKN	20			125	94	24	15	05		002		RK
R	1550	300-OVC	20			124	92	28	15	07		002	615 1007 95 RADAT 22159	LEF
R	1650	300-OVC	20			124	92	27	11	09		001		LEF
R	1749	300-OVC	20			127	85	31	11	07		002		LEF
R	1850	300-OVC	20			131	80	32	11	06		003	303 1007	LEF
R	1949	300-BKN	20			138	75	30	11	07		004		LEF
R	2048	300-BKN	20			136	76	30	09	08		005		LEF
R	2150	300-BKN	20			140	73	34	36	02		007	212 1008 95	LEF
R	2250	300-SCT	20			140	70	29	03	06		007		LEF
R	2350	300-SCT	20			140	67	31	06	02		007		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 $6P_oP_oP_oP_o$ 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)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV
DATE: 1978 SEP 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.
0047	26.650	68.7	50.4	26	0															0	3	010			00-01
0149	26.650	66.9	49.3	27	0															0					01-02
0250	26.650	63.8	48.3	31	0															0					02-03
0345	26.640	63.8	48.9	33	0															0	8	010			03-04
0446	26.645	60.6	48.0	39	0															0					04-05
0545	26.665	63.4	48.4	31	0															0					05-06
0645	26.680	66.9	50.0	29	0	0	Ci	300												0	3	040			06-07
0745	26.690	73.4	53.1	24	0															0					07-08
0845	26.700	81.9	56.2	18	2															0					08-09
0951	26.690	86.8	58.9	17	2	2	Ci	300												0	0	010			09-10
1046	26.680	89.4	59.4	15	5															1					10-11
1145	26.670	90.5	59.0	13	7															1					11-12
1245	26.650	92.4	59.3	11	8	8	Ci	300												1	7	040			12-13
1350	26.630	93.3	58.4	9	9															1					13-14
1445	26.610	93.5	58.0	8	9															1					14-15
1550	26.605	92.1	58.3	10	10	10	Ci	300												1	6	045			15-16
1650	26.600	91.5	58.0	10	10															1					16-17
1749	26.605	85.4	56.6	14	10															1					17-18
1850	26.615	80.0	54.8	17	10	10	Ci	300												2	3	010			18-19
1949	26.630	75.0	52.2	19	9															2					19-20
2048	26.640	75.7	52.5	18	9															2					20-21
2150	26.650	73.0	52.8	24	8	8	Cs	300												2	2	035			21-22
2250	26.650	70.0	50.0	22	5															2					22-23
2350	26.650	67.4	49.3	25	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	69	61	X	X						X		
	0343	1	0	0	0	72	61		0								
	0948	2	0	0	0	87	59		0								
	1549	3	0	0	0	95	87		0								
	2145	4	0	0	0	92	70		0								
	MID.	X	0	0	0	73	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.690	26.605	26.650
BAROGRAPH 64	26.640	26.690	26.605	26.640
BAR. CORR. 65	0	0	±0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
95	59	0	0	0	24	SE	1458					7			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

☆ 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 SEP 27

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)	CODE REMARKS INITIALS (15)
R	0050	300 - SCT	20			143	66	29	11	02		008	103 1001	LEF
R	0148	300 - SCT	20			146	62	29	02	05		008		LEF
R	0250	300 - SCT	20			140	65	30	04	03		007		LEF
R	0345	300 - SCT	20			142	65	30	07	02		007	502 1001 6.3 RADAT 22153	RK
R	0445	300 - SCT	20			145	63	29	00	00		008		RK
R	0545	300 - SCT	20			155	61	29	10	03		009		RK
R	0645	300 - SCT	20			162	68	30	00	00		011	212 1001	RK
R	0745	300 - SCT	20			163	74	34	00	00		012		RK
R	0845	300 - SCT	20			158	84	33	31	03		012		RK
R	0945	CLR	20			158	87	31	28	04		012	103 1001 60	RK
R	1046	CLR	20			153	91	33	22	08		011		RK
R	1145	CLR	20			149	92	34	21	08		009		RK
R	1245	CLR	20			137	92	35	21	08		006	819 1101	RK
R	1345	CLR	20			133	94	35	23	11		004		RK
R	1445	CLR	20			128	94	34	20	10		003		RK
R	1550	CLR	20			123	93	33	24	11		002	714 1004 96 RADAT 20150	LEF
R	1649	CLR	20			126	91	32	23	14		002		LEF
R	1748	300 - SCT	20			134	86	32	21	07		003		LEF
R	1850	300 - SCT	20			139	81	35	03	02		005	210 10-4	LEF
R	1950	300 - SCT	20			143	77	32	01	03		007		LEF
R	2048	300 - SCT	20			141	79	33	10	03		008		LEF
R	2150	300 - SCT	20			145	77	29	09	05		009	212 1001 96	LEF
R	2248	CLR	20			151	69	31	34	03		010		LEF
R	2350	CLR	20			148	69	33	33	03		009		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 $6P_oP_oP_oP_o$ 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: 1978 SEP 27

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	26.660	66.2	48.4	25	4	4	Ci	300												1	1	010			00-01
01 48	26.665	62.4	46.5	28	5															1					01-02
02 50	26.650	65.0	48.0	26	5															1					02-03
03 45	26.655	64.8	47.9	27	5	5	Ci	300												1	5	005-			03-04
04 45	26.660	63.1	46.8	27	4															1					04-05
05 45	26.675	60.9	45.9	30	5															1					05-06
06 45	26.690	67.7	49.3	25	5	5	Ci	300												1	2	035-			06-07
07 45	26.700	74.1	53.2	23	2															0					07-08
08 45	26.700	83.8	56.5	16	1															0					08-09
09 45	26.700	87.1	57.4	14	0	0	Ci	300												0	1	010			09-10
10 46	26.690	91.0	59.1	13	0															0					10-11
11 45	26.675	91.9	59.8	13	0															0					11-12
12 45	26.645	92.4	60.2	13	0	0	Cu	60	0	Ci	300	0								0	8	055-			12-13
13 45	26.630	93.7	60.8	13	0															0					13-14
14 45	26.620	93.9	60.6	12	0															0					14-15
15 50	26.605	93.4	60.0	12	0	0	Ci	300												0	7	040			15-16
16 49	26.610	90.6	58.9	13	0															0					16-17
17 48	26.620	86.0	57.0	14	1															0					17-18
18 50	26.635	81.0	56.0	19	1	1	Ci	300												0	2	030			18-19
19 50	26.650	76.5	53.1	20	1															0					19-20
20 48	26.660	74.0	54.6	18	1															0					20-21
21 50	26.670	77.3	53.0	17	1	1	Ci	300												0	2	035			21-22
22 48	26.680	69.1	50.0	24	0															0					22-23
23 50	26.675	69.2	50.9	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	67	62	X	X						X		
	0342	1	0	0	0	73	62		0								
	0943	2	0	0	0	87	60		0								
	1545	3	0	0	0	96	87		0								
	2145	4	0	0	0	93	75		0								
	MID.	X	0	0	0	77	69	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	26.655	26.700	26.605	26.670
BAROGRAPH 64	26.645	26.695	26.605	26.660
BAR. CORR. 65	+010	+005	±0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
96	60	0	0	0	20	W	1334					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:

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: 1970 SEP 28

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 (03-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SIGNER'S INITIALS (15)
R	0048	CLR	20			150	69	31	11	06		010	103	LEF
R	0150	CLR	20			150	64	31	06	02		009		LEF
R	0250	CLR	20			150	64	31	11	04		009		LEF
R	0346	CLR	20			150	65	27	14	03		009	602 63 RADAT 27153	JD
R	0448	CLR	20			152	64	31	09	04		010		JD
R	0550	CLR	20			162	61	32	04	02		012		JD
R	0647	CLR	20			165	67	33	09	02		012	308 1001	JD
R	0749	CLR	20			166	74	34	17	02		013		JD
R	0849	300 - SCT	20			162	80	35	32	02		013		JD
R	0947	300 -SCT	20			156	86	37	26	02		012	000 1001 60	JD
R	1048	CLR	20			155	90	38	20	10		011		JD
R	1147	CLR	20			150	93	37	22	10		010		JD
R	1248	CLR	20			138	93	34	19	10	G19	006	717 1001	JD
R	1348	CLR	20			136	94	34	25	11		005		JD
R	1448	CLR	20			131	93	32	18	07		004		JD
R	1545	CLR	20			127	93	34	21	08		003	712 95 RADAT 20147	SH
R	1646	CLR	20			126	90	32	20	10		002		SH
R	1745	CLR	20			130	86	35	19	05		002	01 NW-N	SH
R	1846	CLR	20			134	81	35	02	03		003	302	SH
R	1945	CLR	20			136	76	33	03	03		004		SH
R	2045	CLR	20			136	74	34	05	04		005		SH
R	2146	CLR	20			138	73	34	35	02		006	208 95	SH
R	2245	CLR	20			137	69	34	04	02		006		SH
R	2345	CLR	20			138	69	34	09	02		006		SH

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 $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 2 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.680	69.2	50.0	24	0															0	1	.010			00-01
01 50	26.675	69.0	47.8	28	0															0					01-02
02 50	26.675	64.3	48.0	28	0															0					02-03
03 46	26.675	65.0	47.1	23	0															0	6	.005			03-04
04 48	26.680	64.1	48.1	29	0															0					04-05
05 50	26.695	60.8	46.8	34	0															0					05-06
06 47	26.700	67.1	49.8	28	0	0	Ci	300												0	3	.025			06-07
07 49	26.710	73.9	53.2	24	0															0					07-08
08 49	26.710	80.0	55.8	20	1															0					08-09
09 47	26.700	86.1	58.6	17	1	1	Ci	300												0	0	.000			09-10
10 48	26.690	90.2	60.4	16	0															0					10-11
11 47	26.680	93.1	61.0	14	0															0					11-12
12 48	26.650	93.0	60.1	12	0	0	Ci	300												0	7	.050			12-13
13 48	26.640	94.4	60.8	12	0															0					13-14
14 48	26.625	93.1	59.6	11	0															0					14-15
15 45	26.615	92.7	60.0	12	0															0	7	.035			15-16
16 46	26.610	90.3	58.8	13	0															0					16-17
17 45	26.610	86.2	58.0	16	0															0					17-18
18 46	26.620	81.0	56.0	19	0															0	3	.005			18-19
19 45	26.630	75.8	53.6	21	0															0					19-20
20 45	26.635	74.4	53.2	23	0															0					20-21
21 46	26.645	73.2	52.7	24	0															0	2	.025			21-22
22 45	26.645	69.4	51.1	27	0															0					22-23
23 45	26.650	69.0	51.0	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	70	63	X	X						X		
	0343	1	0	0	0	77	63		0								
	0944	2	0	0	0	88	60		0								
	1542	3	0	0	0	95	86		0								
	2143	4	0	0	0	93	72		0								
	MID.	X	0	0	0	73	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1524	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.675	26.700	26.615	26.645
BAROGRAPH 64	26.665	26.700	26.615	26.640
BAR. CORR. 65	+.010	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 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
95	60	0	0	0	23	SW	1221					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:

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: 1978 SEP 29

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)
R	0046	CLR	20			140	68	35	05	02		007	303	SH
R	0145	CLR	20			138	67	33	10	02		006		SH
R	0245	CLR	20			144	65	33	09	03		007		SH
R	0346	CLR	20			144	65	33	09	04		007	302 64 RADAT 20152	JD
R	0449	CLR	20			150	63	33	09	04		008		JD
R	0547	300 - SCT	20			153	64	33	09	05		009		JD
R	0647	300 - SCT	20			162	68	33	10	03		012	212 1001	JD
R	0746	CLR	20			164	73	35	23	02		012		JD
R	0848	CLR	20			157	82	31	01	12		012		JD
R	0948	CLR	20			157	85	31	36	09		012	000 1001 62	JD
R	1046	CLR	20			153	89	35	25	04		011		JD
R	1153	CLR	20			143	91	36	27	07		007		JD
R	1246	CLR	20			134	91	36	23	08		005	720 1101	JD
R	1348	CLR	20			126	92	36	16	09		003		JD
R	1450	CLR	20			123	93	36	23	10		002		JD
R	1546	CLR	20			117	92	35	18	08		999	715 1101 94 RADAT 20151	SH
R	1645	CLR	20			117	90	33	20	06		999		SH
R	1745	CLR	20			122	85	33	24	03		999		SH
R	1846	CLR	20			129	78	31	09	03		002	305	SH
R	1946	CLR	20			130	79	30	11	04		003		SH
R	2045	CLR	20			130	71	28	01	02		003		SH
R	2146	CLR	20			132	69	28	09	02		004	207 94	SH
R	2246	CLR	20			130	69	28	02	02		004		SH
R	2345	CLR	20			132	66	29	00	00		004		SH

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: 1978 SEP 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.655	68.2	51.0	29	0															0	3	.010			00-01
01 45	26.650	67.1	50.0	29	0															0					01-02
02 45	26.660	64.6	48.7	30	0															0					02-03
03 46	26.660	64.6	48.8	31	0															0	3	.005			03-04
04 49	26.670	63.8	48.0	33	0															0					04-05
05 47	26.675	63.8	48.5	32	2															0					05-06
06 47	26.695	67.5	50.1	28	1	1	Ci	300												0	2	.035			06-07
07 46	26.700	72.9	53.1	25	0															0					07-08
08 48	26.695	82.1	55.4	16	0															0					08-09
09 48	26.695	85.0	56.5	14	0	0	Ci	300												0	0	.000			09-10
10 46	26.685	89.1	59.0	15	0															0					10-11
11 53	26.660	91.4	60.2	14	0															0					11-12
12 46	26.635	91.1	60.1	14	0	0	Cu	100	0	Ci	300	0								0	7	.060			12-13
13 48	26.615	91.8	60.2	14	0															0					13-14
14 50	26.605	93.1	60.7	13	0															0					14-15
15 46	26.590	92.0	60.0	13	0	0	Cu	100	0	Ci	300	0								0	7	.045			15-16
16 45	26.585	90.3	59.0	13	0															0					16-17
17 45	26.590	84.7	57.0	16	0															0					17-18
18 46	26.605	77.7	53.7	18	0															0	3	.015			18-19
19 46	26.615	79.4	54.2	17	0															0					19-20
20 45	26.620	71.3	50.2	20	0															0					20-21
21 46	26.625	69.3	49.3	21	0															0	2	.020			21-22
22 46	26.625	69.4	49.4	21	0															0					22-23
23 45	26.630	66.1	48.2	25	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	64	X	X						X		
	0345	1	0	0	0	73	64		0								
	0945	2	0	0	0	85	62		0								
	1543	3	0	0	0	94	85		0								
	2144	4	0	0	0	92	69		0								
	MID.	X	0	0	0	71	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.695	26.590	26.625
BAROGRAPH 64	26.650	26.695	26.590	26.620
BAR. CORR. 65	+.010	±0*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	62	0	0	0	17	N	0847					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 1005 P 0 Corr

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: 1978 SEP 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)	INITIALS (14)
R	0046	CLR	20			134	68	30	09	04		005	303	SH
R	0145	CLR	20			134	66	29	05	02		005		SH
R	0246	CLR	20			136	65	29	09	02		005		SH
R	0347	CLR	20			141	62	29	09	03		006	305 61 RADAT 20147	SH
R	0448	CLR	20			149	60	31	06	04		008		JD
R	0549	CLR	20			156	64	30	09	04		010		JD
R	0646	CLR	20			163	68	32	09	02		012	215	JD
R	0746	CLR	20			163	74	33	06	01		013		JD
R	0848	CLR	20			165	82	32	04	04		013		JD
R	0948	CLR	20			162	86	34	21	03		013	103 60	JD
R	1046	CLR	20			155	89	34	26	04		011		JD
R	1148	CLR	20			149	90	37	25	09		008		JD
R	1249	CLR	20			138	93	45	26	10		006	719 1100	JD
R	1347	CLR	20			132	94	39	24	12		004		JD
R	1447	CLR	20			125	92	37	23	12		002		JD
R	1545	CLR	20			125	92	40	24	09		002	615 94 RADAT 22147	SH
R	1646	CLR	20			126	91	34	20	09		002		SH
R	1745	CLR	20			130	84	31	22	02		002	FEW CI	SH
R	1846	CLR	20			135	77	25	10	02		003	305	SH
R	1947	CLR	20			137	75	30	09	02		004		SH
R	2047	CLR	20			138	70	29	00	00		005		SH
R	2146	CLR	20			138	70	25	02	02		006	108 94	SH
R	2245	CLR	20			141	67	27	03	03		006		SH
R	2346	CLR	20			140	70	25	00	00		006		SH

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 $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1978 SEP 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 46	26.635	68.0	49.4	24	0															0	3	.010			00-01
01 45	26.635	66.4	48.4	25	0															0					01-02
02 46	26.640	65.0	47.8	26	0															0					02-03
03 47	26.650	61.8	46.2	28	0															0	3	.015			03-04
04 48	26.665	60.2	46.1	33	0															0					04-05
05 49	26.680	64.2	47.8	28	0															0					05-06
06 46	26.695	67.9	49.9	26	0															0	2	.045			06-07
07 46	26.705	74.0	52.7	22	0															0					07-08
08 48	26.710	81.9	55.5	16	0															0					08-09
09 48	26.705	86.4	57.9	16	0															0	1	.010			09-10
10 46	26.690	89.3	58.8	14	0															0					10-11
11 48	26.670	90.1	60.1	16	0															0					11-12
12 49	26.650	93.0	63.6	19	0	0	Cu	100												0	7	.055			12-13
13 47	26.630	94.0	61.9	15	0															0					13-14
14 47	26.610	92.4	60.9	15	0															0					14-15
15 45	26.605	92.4	61.8	16	0															0	6	.045			15-16
16 46	26.605	90.8	59.3	13	0															0					16-17
17 45	26.610	84.1	56.2	15	0															0					17-18
18 46	26.620	77.1	52.0	15	0															0	3	.015			18-19
19 47	26.630	75.0	52.2	19	0															0					19-20
20 47	26.640	70.4	50.2	22	0															0					20-21
21 46	26.645	70.2	49.0	18	0															0	1	.025			21-22
22 45	26.650	66.7	48.0	22	0															0					22-23
23 46	26.650	70.1	49.0	18	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	68	61	X	X						X		
	0343	1	0	0	0	71	61		0								
	0945	2	0	0	0	86	60		0								
	1542	3	0	0	0	94	86		0								
	2143	4	0	0	0	92	69		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.705	26.605	26.645
BAROGRAPH 64	26.640	26.700	26.605	26.645
BAR. CORR. 65	+.010	+.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 (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	23	W	1353					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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