MF1-10B (9-73)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSO, PROVIDENCE, R. I.

DATE: AUG 2 1975

To convert LST to GMT ADD 5 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	29.870			79	5	5	Ci	250												4	7	.040			00-01
01 55	29.855			79	5															4					01-02
02 55	29.855			77	5															4					02-03
03 55	29.855			77	5	5	Ci	250												4	6	.015			03-04
04 55	29.855			82	5															4					04-05
05 55	29.860			79	0															0					05-06
06 54	29.870			67	0															0	3	.015			06-07
07 55	29.860			64	0															0					07-08
08 55	29.855			58	0															0					08-09
09 54	29.850			51	0															0	6	.020			09-10
10 53	29.835			48	0															0					10-11
11 55	29.825			46	0															0					11-12
12 55	29.810			43	0	0	Cu	30												0	7	.040			12-13
13 55	29.795			50	1															1					13-14
14 56	29.785			45	1															1					14-15
15 58	29.770			48	0	0	Cu	35												0	7	.040			15-16
16 56	29.760			45	1															1					16-17
17 56	29.770			45	2															2					17-18
18 57	29.775			56	2	1	H	—	1	Ci	250	2								2	3	.005			18-19
19 53	29.775			66	1															1					19-20
20 53	29.785			70	0															0					20-21
21 58	29.785			72	0	0	Ci	250												0	1	.010			21-22
22 55	29.780			77 ~~63~~	0															0					22-23
23 55	29.780			74	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S M_S P_S H_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 00 50		0	0		78	78										
	00 50	1	0	0	0	87	78		0								
	0649	2	0	0	0	82	75		0								
	1250	3	0	0	0	104	82		0								
	1853	4	0	0	0	104	91		0								
	MID.		0	0	0	91	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0055	0653	1255	1856
ATT. THERM. 60				
OBSRVD. BAR. 61	1011.5	1011.4	1009.5	1008.2
TOTAL CORR. 62	0	0	0	0
STA. PRESS. 63	1011.5	1011.4	1009.5	1008.2
BAROGRAPH 64	29.860	29.855	29.820	29.765
BAR. CORR. 65	+.010	+.015	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	75	0	0	0	14	NW	1557					1	1		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
			H	1430	1930

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE 756 MIN. (Hrs.) PERCENT OF POSSIBLE SUNSHINE 88 CHARACTER OF SUNRISE CLDY CHARACTER OF SUNSET CLDY

FASTEST OBSERVED 1-MINUTE WIND SPEED 15 M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION 31 TIME 1558 E

MAXIMUM PRECIPITATION

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

TIME CHECK: 16 SEC, FAST 0012E

Note: Max. Temp. 104 degrees = HIXAT

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