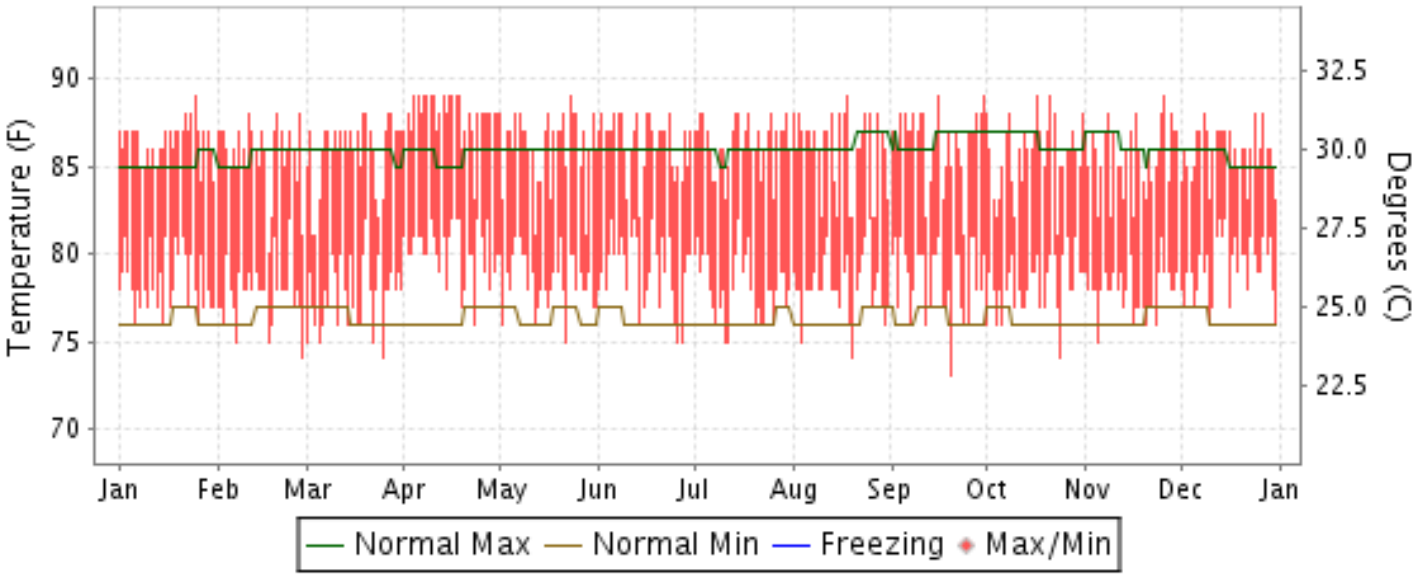
2011
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

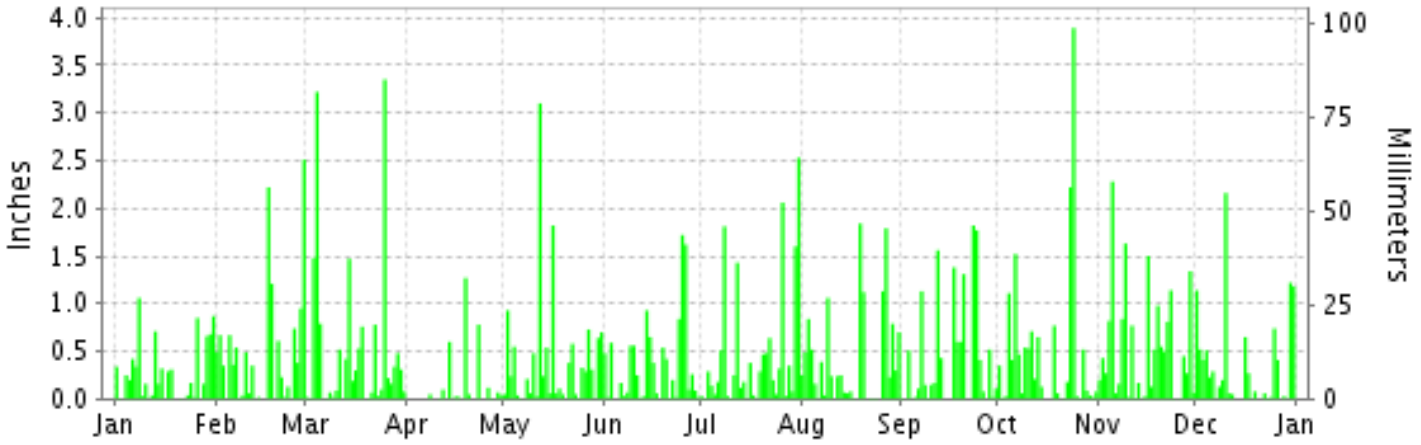
ISSN 0198-4330

MAJURO,
PACIFIC (PKMR)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2011
MAJURO (PKMR)

LATITUDE: 7° 4'N **LONGITUDE:** 171° 22'W **ELEVATION (FT):** GRND: 10 BARO: 8 **TIME ZONE:** 180 E MER (UTC 12) **WBAN:** 40710

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	86.5	85.8	85.9	88.0	86.2	86.4	86.4	85.9	86.5	85.7	85.6	85.8	86.2
	HIGHEST DAILY MAXIMUM	89	88	88	89	89	88	88	89	89	89	89	88	89
	DATE OF OCCURRENCE	25	27+	28+	18+	23	23+	30+	18	30+	21+	26	27+	NOV 26
	MEAN DAILY MINIMUM	78.4	77.8	77.7	80.1	78.5	79.1	78.1	78.2	78.6	78.2	77.9	79.2	78.5
	LOWEST DAILY MINIMUM	76	74	74	76	75	75	75	74	73	74	75	76	73
	DATE OF OCCURRENCE	26+	28	25	23	22	27+	12+	20	20	24	05	31+	SEP 20
	AVERAGE DRY BULB	82.5	81.8	81.8	84.1	82.4	82.8	82.3	82.1	82.6	82.0	81.8	82.5	82.4
	MEAN WET BULB	76.5	76.3	76.6	77.1	77.5	77.7	77.3	77.1	77.1	76.9	77.0	77.0	77.0
	MEAN DEW POINT	74.1	73.9	74.6	74.7	75.5	75.8	75.2	75.0	74.9	74.5	75.1	74.8	74.8
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
	COOLING DEGREE DAYS	547	477	528	580	547	541	541	535	532	535	512	553	6428
RH	MEAN (PERCENT)	77	78	80	75	81	81	81	80	79	80	81	78	79
	HOUR 06 LST	80	83	84	80	85	83	84	84	82	83	83	80	83
	HOUR 12 LST	71	72	75	68	76	77	75	76	74	76	77	74	74
	HOUR 18 LST	78	79	81	76	82	82	81	80	80	80	81	79	80
	HOUR 24 LST	81	81	83	78	84	83	83	83	81	82	83	81	82
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	0	0	0	0	0	0	0	0	0	0	0	0	0
	THUNDERSTORMS	1	0	1	1	1	0	0	3	2	3	6	1	19
CLOUDINESS	SUNRISE-SUNSET: (OKTAS)													
	CEILOMETER (<= 12,000 FT.)													
	SATELLITE (> 12,000 FT.)													
	MIDNIGHT-MIDNIGHT: (OKTAS)													
	CEILOMETER (<= 12,000 FT.)													
	SATELLITE (> 12,000 FT.)													
	NUMBER OF DAYS WITH:													
	CLEAR													
	PARTLY CLOUDY													
	CLOUDY													
PR	MEAN STATION PRESS. (IN.)	29.74	29.77	29.78	29.80	29.79	29.79	29.78	29.79	29.81	29.81	29.77	29.75	29.78
	MEAN SEA-LEVEL PRESS. (IN.)	29.75	29.78	29.79	29.81	29.80	29.80	29.79	29.80	29.82	29.82	29.78	29.76	29.79
WINDS	RESULTANT SPEED (MPH)	9.3	6.2	7.8	8.9	8.3	10.3	7.3	6.3	6.1	4.1	5.1	12.2	7.6
	RES. DIR. (TENS OF DEGS.)	08	10	08	07	08	07	08	08	08	09	10	07	08
	MEAN SPEED (MPH)	10.2	7.3	8.4	9.2	8.9	10.7	8.2	7.3	7.2	5.9	7.7	12.8	8.7
	PREVAIL.DIR.(TENS OF DEGS.)	08	08	08	07	08	07	08	08	08	09	09	07	07
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	24	22	23	21	22	25	21	21	24	22	25	24	25
	DIR. (TENS OF DEGS.)	12	07	09	07	06	12	12	14	08	11	09	12	09
	DATE OF OCCURRENCE	15	28	14	30	01	03	19	27	20	02	29	10	NOV 29
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)													
	DIR. (TENS OF DEGS.)													
	DATE OF OCCURRENCE													
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	8.10	13.05	15.83	3.15	12.60	10.63	14.56	12.63	12.87	14.65	15.97	10.37	144.41
	GREATEST 24-HOUR (IN.)	1.06	2.51	3.35	1.27	3.10	1.72	2.53	1.84	1.82	3.89	2.28	2.16	3.89
	DATE OF OCCURRENCE	08	28	25	19	12	25	31	19	23	24	05	10	OCT 24
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	24	22	28	13	28	27	29	26	22	27	28	22	296
	PRECIPITATION 0.10	18	17	18	5	18	17	20	18	17	16	21	15	200
	PRECIPITATION 1.00	1	3	4	1	2	2	5	5	6	4	5	4	42
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL (IN.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GREATEST 24-HOUR (IN.)													
	DATE OF OCCURRENCE													
	MAXIMUM SNOW DEPTH (IN.)	0	0	0	0	0	0	0	0	0	0	0	0	0
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0

NORMALS, MEANS, AND EXTREMES
MAJURO (PKMR)

LATITUDE: 7° 4'N **LONGITUDE:** 171° 22'W **ELEVATION (FT):** GRND: 10 BARO: 8 **TIME ZONE:** 180 E MER (UTC 12) **WBAN:** 40710

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	85.2	85.6	85.9	85.7	86.0	86.0	85.9	86.4	86.6	86.6	86.3	85.5	86.0
	MEAN DAILY MAXIMUM	56	85.2	85.5	85.7	85.7	85.9	85.9	85.9	86.3	86.5	86.4	86.1	85.5	85.9
	HIGHEST DAILY MAXIMUM	56	92	91	90	90	90	92	96	91	90	91	92	91	96
	YEAR OF OCCURRENCE		2008	2008	2008	2010	2008	2008	2008	1969	2004	1958	2007	2007	JUL 2008
	MEAN OF EXTREME MAXS.	56	87.1	87.4	87.6	87.7	87.9	87.9	88.2	88.4	88.7	88.8	88.4	87.7	88.0
	NORMAL DAILY MINIMUM	30	76.3	76.6	76.5	76.4	76.5	76.3	76.2	76.3	76.4	76.3	76.4	76.3	76.4
	MEAN DAILY MINIMUM	56	76.9	77.1	77.1	77.0	77.1	76.9	76.7	76.9	76.9	76.8	76.9	76.9	76.9
	LOWEST DAILY MINIMUM	56	69	70	70	70	70	70	70	71	70	70	68	70	68
	YEAR OF OCCURRENCE		1958	1985	1993	1985	1985	1958	1989	1990	1991	1984	1991	1984	NOV 1991
	MEAN OF EXTREME MINS.	56	73.3	73.4	73.4	73.4	73.6	73.4	73.1	73.2	73.1	73.1	73.1	73.2	73.3
	NORMAL DRY BULB	30	80.8	81.1	81.2	81.1	81.3	81.2	81.1	81.4	81.5	81.5	81.4	80.9	81.2
	MEAN DRY BULB	56	81.1	81.3	81.4	81.4	81.5	81.4	81.3	81.6	81.7	81.6	81.5	81.2	81.4
	MEAN WET BULB	28	76.3	75.9	76.3	76.7	77.2	77.3	77.1	77.0	77.1	77.0	77.2	76.8	76.8
	MEAN DEW POINT	28	75.0	74.5	74.9	75.5	76.1	76.2	75.9	75.8	75.8	75.8	76.0	75.7	75.6
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.1	0.0	0.1	*	*	0.3	0.9	0.7	0.5	0.1	2.7
	MAXIMUM <= 32	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	MINIMUM <= 32	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	MINIMUM <= 0	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H/C	NORMAL HEATING DEG. DAYS	30	0	0	0	0	0	0	0	0	0	0	0	0	0
	NORMAL COOLING DEG. DAYS	30	487	451	502	482	504	485	498	507	496	510	490	493	5905
RH	NORMAL (PERCENT)	30	79	77	78	80	81	81	81	80	79	79	80	80	80
	HOUR 06 LST	30	81	80	81	82	83	83	83	82	82	82	82	82	82
	HOUR 12 LST	30	81	80	81	83	84	84	84	84	83	83	83	82	83
	HOUR 18 LST	30	75	73	74	77	78	78	77	76	76	76	77	77	76
	HOUR 24 LST	30	78	77	78	80	80	80	79	78	78	79	80	80	79
S	PERCENT POSSIBLE SUNSHINE	45	61	64	66	59	58	55	56	61	59	56	53	53	58
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	THUNDERSTORMS	46	0.3	0.4	0.6	0.7	0.8	1.3	1.3	1.5	2.3	1.9	1.9	1.0	14.0
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	49	6.9	6.6	6.8	6.9	6.9	7.0	7.0	6.7	6.8	6.7	7.0	7.0	6.9
	MIDNIGHT-MIDNIGHT (OKTAS)	26	6.9	6.5	6.6	7.0	6.9	6.9	7.0	6.7	6.8	6.7	6.7	6.8	6.8
	MEAN NO. DAYS WITH:														
	CLEAR	49	0.8	0.9	1.3	0.7	0.8	0.3	0.5	0.7	0.8	0.9	0.4	0.6	8.7
	PARTLY CLOUDY	49	7.1	7.9	7.7	7.0	7.1	7.1	6.6	7.7	6.6	6.8	6.8	6.3	84.7
	CLOUDY	49	23.3	19.6	22.2	22.6	23.3	22.6	23.4	22.1	22.1	22.8	22.3	23.6	269.9
PR	MEAN STATION PRESSURE(IN)	28	29.78	29.80	29.80	29.81	29.81	29.81	29.81	29.81	29.81	29.80	29.78	29.77	29.80
	MEAN SEA-LEVEL PRES. (IN)	28	29.79	29.81	29.82	29.82	29.83	29.82	29.82	29.82	29.82	29.81	29.79	29.78	29.81
WINDS	MEAN SPEED (MPH)	28	12.4	12.0	12.4	11.9	10.7	9.8	8.3	7.2	6.9	7.0	8.3	11.0	9.8
	PREVAIL.DIR(TENS OF DEGS)	6	07	06	07	07	08	08	08	08	08	08	08	07	08
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	22	36	35	26	29	28	29	30	33	29	33	31	35	36
	DIR. (TENS OF DEGS)		00	07	07	10	07	00	23	08	13	00	02	09	00
	YEAR OF OCCURRENCE		1992	2002	2004	2008	2010	1993	2002	2007	2010	1988	1990	1997	JAN 1992
	MAXIMUM 3-SECOND														
	SPEED (MPH)	25	53	44	41	43	44	44	44	47	45	47	44	59	59
	DIR. (TENS OF DEGS)		04	09	09	09	04	09	09	09	22	09	22	04	04
	YEAR OF OCCURRENCE		1992	1998	2000	2008	1998	2000	2008	2007	1994	1985	1991	1997	DEC 1997
PRECIPITATION	NORMAL (IN)	30	8.09	6.86	8.43	11.30	11.53	11.09	12.41	11.95	11.96	13.73	12.81	11.50	131.66
	MAXIMUM MONTHLY (IN)	57	23.83	20.93	29.54	31.10	22.23	20.86	21.17	19.98	21.11	24.26	23.56	24.80	31.10
	YEAR OF OCCURRENCE		2000	2000	1991	1971	1956	2010	1987	1986	1964	1955	1978	1968	APR 1971
	MINIMUM MONTHLY (IN)	57	0.78	0.20	0.15	0.36	1.49	4.50	4.93	5.33	4.27	6.17	4.53	2.28	0.15
	YEAR OF OCCURRENCE		1973	1992	1992	1992	1983	2009	1997	1959	2004	1990	1972	1957	MAR 1992
	MAXIMUM IN 24 HOURS (IN)	57	10.04	6.65	15.26	6.63	8.10	7.39	5.86	5.29	5.76	8.74	10.01	17.88	17.88
	YEAR OF OCCURRENCE		2000	1991	1991	1973	1997	1983	1987	1986	1982	1974	1957	1972	DEC 1972
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	18.3	16.2	18.2	20.4	23.5	23.9	24.1	23.5	22.6	23.2	22.6	21.9	258.4
	PRECIPITATION >= 1.00	30	2.1	2.0	2.2	3.8	3.6	3.5	4.0	3.8	3.8	4.2	4.2	3.1	40.3
SNOWFALL	NORMAL (IN)	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	MAXIMUM MONTHLY (IN)	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR OF OCCURRENCE														
	MAXIMUM IN 24 HOURS (IN)	57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR OF OCCURRENCE'														
	MAXIMUM SNOW DEPTH (IN)	55	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR OF OCCURRENCE														
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PRECIPITATION (inches) 2011 MAJURO (PKMR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1982	12.63	9.72	13.29	4.68	11.46	16.98	14.66	11.72	18.94	8.17	19.08	3.17	144.50
1983	0.83	0.98	0.66	1.97	1.49	14.45	12.58	6.05	11.25	13.47	9.84	12.74	86.31
1984	16.12	16.83	1.29	3.87	4.18	5.40	9.35	9.20	6.42	14.77	13.31	14.95	115.69
1985	8.70	16.56	4.59	15.38	9.67	14.67	13.18	16.77	8.03	18.06	12.81	11.30	149.72
1986	10.51	3.91	14.75	12.23	14.94	15.89	12.09	19.98	10.52	7.32	9.37	17.10	148.61
1987	6.24	10.38	4.90	2.14	9.22	14.76	21.17	8.36	11.09	11.29	15.45	7.48	122.48
1988	14.65	1.52	6.76	5.92	6.85	9.11	14.33	10.59	13.86	17.87	7.19	13.65	122.30
1989	7.75	8.30	4.76	8.54	11.18	7.20	17.44	10.34	14.55	16.41	19.84	8.52	134.83
1990	7.01	4.21	10.36	9.43	16.56	7.28	9.09	14.39	7.57	6.17	15.87	10.36	118.30
1991	9.87	11.68	29.54	20.46	13.24	16.60	16.41	11.04	19.73	10.44	15.35	3.48	177.84
1992	7.73	0.20	0.15	0.36	14.21	8.41	10.36	12.62	5.90	13.57	10.05	3.52	87.08
1993	5.82	8.51	13.49	14.10	11.31	8.17	13.92	13.32	9.80	20.48	14.41	19.24	152.57
1994	9.37	1.72	9.45	14.14	15.69	5.70	8.28	11.70	13.19	10.42	11.31	16.68	127.65
1995	8.17	4.37	4.59	21.97	7.91	12.22	10.60	11.89	15.78	10.59	11.18	12.10	131.37
1996	14.12	16.72	8.28	19.47	10.61	12.96	7.39	7.49	15.70	9.74	13.24	16.87	152.59
1997	5.44	6.95	6.57	14.54	21.33	8.19	4.93	11.69	19.09	10.91	7.93	7.63	125.20
1998	1.57	0.34	0.27	0.64	6.59	10.51	16.29	12.05	9.30	19.45	13.57	11.48	102.06
1999	7.23	3.82	10.15	5.32	8.20	13.07	8.94	10.99	11.35	17.85	17.27	9.85	124.04
2000	23.83	20.93	6.59	8.81	4.02	5.31	11.31	11.06	7.02	12.27	15.03	9.20	135.38
2001	5.73	5.10	0.46	4.07	7.07	15.10	10.04	11.72	20.89	20.19	14.92	9.02	124.31
2002	9.00	6.80	7.57	8.44	14.40	15.77	11.85	15.33	14.29	15.28	8.79	17.41	144.93
2003	8.62	9.95	1.47	13.38	10.55	11.50	10.16	6.33	16.62	17.02	9.14	15.26	130.00
2004	7.51	14.72	8.84	15.19	10.79	12.29	9.09	13.53	4.27	7.26	6.00	11.06	120.55
2005	5.59	9.92	9.31	9.51	6.84	8.02	12.79	14.94	10.32	14.56	18.50	11.84	132.14
2006	10.50	6.41	6.50	7.31	6.28	11.55	11.03	9.34	8.68	10.74	8.68	7.74	104.76
2007	2.00	4.90	4.31	11.26	11.42	6.67	8.64	7.27	10.25	20.74	20.31	10.89	118.66
2008	9.53	7.90	6.27	5.25	12.53	9.29	10.12	8.40	7.95	12.19	14.27	11.80	115.50
2009	6.26	6.96	4.09	10.86	5.53	4.50	9.44	8.05	15.19	10.35	11.26	16.77	109.26
2010	4.89	3.74	9.73	9.41	2.42	20.86	15.76	14.09	19.85	13.18	18.13	11.01	143.07
2011	8.10	13.05	15.83	3.15	12.60	10.63	14.56	12.63	12.87	14.65	15.97	10.37	144.41
POR= 56 YRS	8.20	7.14	8.34	10.56	10.93	11.46	12.24	11.47	12.58	14.14	13.32	11.38	131.76

WBAN : 40710

AVERAGE TEMPERATURE (°F) 2011 MAJURO (PKMR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1982	80.5	80.7	80.5	81.8	81.3	81.3	81.1	81.3	81.4	82.0	81.4	80.2	81.1
1983	80.1	80.5	81.4	82.2	83.0	81.4	81.3	82.2	81.8	80.9	81.0	80.3	81.3
1984	80.6	80.6	82.0	81.9	81.5	80.3	80.6	81.1	81.2	80.8	80.6	80.9	81.0
1985	80.8	80.3	80.7	79.8	81.1	80.4	80.7	80.4	81.5	81.4	81.5	80.9	80.8
1986	81.1	81.9	80.3	81.1	81.7	81.1	81.7	81.8	81.8	82.1	81.9	80.5	81.4
1987	80.6	80.7	81.0	81.8	81.5	81.1	80.9	82.1	81.8	82.2	81.8	81.2	81.4
1988	80.9	81.9	81.8	82.1	81.8	81.3	80.2	80.9	80.6	80.3	81.2	80.4	81.1
1989	80.5	80.3	80.6	80.5	80.8	81.0	80.5	80.9	81.1	81.6	81.4	82.0	80.9
1990	81.2	81.6	82.0	81.9	81.1	81.6	81.4	81.7	81.8	81.7	81.8	80.4	81.5
1991	80.1	81.4	79.6	80.3	81.1	80.9	81.3	81.4	81.1	81.8	81.0	81.0	80.9
1992	79.6	81.3	81.6	82.7	81.9	82.0	81.6	82.0	82.6	82.2	81.5	81.6	81.7
1993	80.2	80.4	80.3	80.7	81.1	81.3	81.1	82.0	82.3	81.4	81.5	81.0	81.1
1994	81.2	81.8	81.4	81.6	81.4	82.1	81.9	82.3	82.1	82.3	82.6	81.1	81.8
1995	81.6	81.7	82.0	80.8	81.8	81.2	81.4	81.9	81.5	81.9	81.3	81.3	81.5
1996	81.0	81.1	81.6	80.6	81.3	80.9	82.0	81.9	81.8	82.2	82.0	81.7	81.5
1997	82.3	81.6	82.7	81.9	81.4	82.0	82.8	81.9	82.0	81.9	82.0	81.2	82.0
1998	81.4	82.2	83.0	83.0	82.5	82.3	81.6	82.0	82.7	82.3	81.8	81.6	82.2
1999	82.0	81.5	81.1	81.5	82.2	81.2	81.8	81.6	81.5	81.5	81.6	81.7	81.6
2000	81.0	81.1	81.9	81.4	82.0	81.8	81.5	82.2	82.7	82.5	82.0	82.0	81.8
2001	81.5	81.8	82.4	82.9	82.7	81.9	82.2	82.5	82.3	82.7	82.0	82.3	82.3
2002	81.7	82.1	82.5	82.4	82.6	82.6	82.5	82.2	82.4	82.1	82.5	81.8	82.3
2003	81.6	81.8	82.9	81.9	82.3	82.3	82.4	82.9	82.2	82.4	83.0	82.1	82.3
2004	82.6	82.3	82.2	82.1	82.0	82.2	82.5	81.9	82.8	83.0	83.4	82.5	82.5
2005	82.2	81.8	81.8	82.3	82.4	82.2	82.3	81.9	82.6	82.4	82.6	82.2	82.2
2006	81.9	82.4	81.6	82.2	82.4	82.5	82.5	82.7	82.7	83.1	83.1	82.7	82.5
2007	82.3	82.0	83.3	82.1	82.6	82.7	82.3	82.5	82.0	82.2	82.2	82.7	82.4
2008	82.8	83.4	82.2	82.1	82.1	82.0	82.0	81.6	82.5	82.1	82.1	81.3	82.2
2009	81.9	81.9	82.3	82.5	83.1	83.5	83.2	83.1	83.0	82.6	81.5	82.6	82.6
2010	83.1	82.9	83.3	84.0	84.3	82.5	82.3	82.7	81.9	81.7	81.7	82.3	82.7
2011	82.5	81.8	81.8	84.1	82.4	82.8	82.3	82.1	82.6	82.0	81.8	82.5	82.4
POR= 56 YRS	81.1	81.3	81.4	81.4	81.5	81.4	81.3	81.6	81.7	81.6	81.5	81.2	81.4

HEATING DEGREE DAYS (base 65°F) 2011 MAJURO (PKMR)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0	0	0	0	0	0	0	0	0	0	0	0	0
1984-85	0	0	0	0	0	0	0	0	0	0	0	0	0
1985-86	0	0	0	0	0	0	0	0	0	0	0	0	0
1986-87	0	0	0	0	0	0	0	0	0	0	0	0	0
1987-88	0	0	0	0	0	0	0	0	0	0	0	0	0
1988-89	0	0	0	0	0	0	0	0	0	0	0	0	0
1989-90	0	0	0	0	0	0	0	0	0	0	0	0	0
1990-91	0	0	0	0	0	0	0	0	0	0	0	0	0
1991-92	0	0	0	0	0	0	0	0	0	0	0	0	0
1992-93	0	0	0	0	0	0	0	0	0	0	0	0	0
1993-94	0	0	0	0	0	0	0	0	0	0	0	0	0
1994-95	0	0	0	0	0	0	0	0	0	0	0	0	0
1995-96	0	0	0	0	0	0	0	0	0	0	0	0	0
1996-97	0	0	0	0	0	0	0	0	0	0	0	0	0
1997-98	0	0	0	0	0	0	0	0	0	0	0	0	0
1998-99	0	0	0	0	0	0	0	0	0	0	0	0	0
1999-00	0	0	0	0	0	0	0	0	0	0	0	0	0
2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0
2001-02	0	0	0	0	0	0	0	0	0	0	0	0	0
2002-03	0	0	0	0	0	0	0	0	0	0	0	0	0
2003-04	0	0	0	0	0	0	0	0	0	0	0	0	0
2004-05	0	0	0	0	0	0	0	0	0	0	0	0	0
2005-06	0	0	0	0	0	0	0	0	0	0	0	0	0
2006-07	0	0	0	0	0	0	0	0	0	0	0	0	0
2007-08	0	0	0	0	0	0	0	0	0	0	0	0	0
2008-09	0	0	0	0	0	0	0	0	0	0	0	0	0
2009-10	0	0	0	0	0	0	0	0	0	0	0	0	0
2010-11	0	0	0	0	0	0	0	0	0	0	0	0	0
2011-	0	0	0	0	0	0							

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COOLING DEGREE DAYS (base 65°F) 2011 MAJURO (PKMR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1982	485	447	487	511	511	497	507	511	498	534	498	478	5964
1983	476	439	519	522	566	500	511	537	511	499	487	482	6049
1984	492	459	533	512	518	464	490	507	494	495	475	499	5938
1985	499	434	492	453	507	469	495	486	503	515	500	501	5854
1986	504	480	480	491	525	491	525	530	510	538	513	489	6076
1987	491	447	501	510	520	489	499	537	510	540	510	508	6062
1988	500	498	529	519	528	494	480	499	474	482	493	487	5983
1989	488	436	492	473	499	488	488	499	493	521	500	534	5911
1990	509	473	532	513	502	506	517	526	511	524	510	487	6110
1991	475	467	460	466	508	487	512	518	491	527	487	502	5900
1992	458	480	522	538	529	516	522	535	533	539	502	521	6195
1993	481	437	480	477	507	497	506	531	525	514	503	503	5961
1994	510	480	517	506	513	516	534	543	517	543	537	504	6220
1995	523	471	533	482	528	493	516	534	501	533	498	513	6125
1996	502	474	521	472	515	483	535	532	511	540	515	526	6126
1997	548	470	557	514	516	514	556	533	516	532	517	510	6283
1998	515	485	566	550	550	527	519	535	539	542	512	520	6360
1999	532	468	506	502	538	492	524	523	499	518	504	526	6132
2000	503	476	532	499	534	512	523	541	537	550	516	533	6256
2001	520	477	549	544	555	514	541	552	527	557	514	545	6395
2002	525	485	555	527	554	536	551	542	527	537	532	528	6399
2003	522	479	562	512	540	527	545	561	524	547	546	540	6405
2004	552	508	541	520	533	526	548	531	542	565	561	551	6478
2005	540	475	529	525	548	524	545	530	534	549	535	540	6374
2006	530	492	527	523	548	532	550	554	539	568	550	556	6469
2007	544	482	575	520	555	536	544	550	514	541	521	555	6437
2008	562	541	542	520	537	517	538	519	534	534	519	510	6373
2009	531	481	543	533	567	562	572	568	547	554	503	552	6513
2010	566	507	573	578	603	531	540	555	516	527	507	542	6545
2011	547	477	528	580	547	541	541	535	532	535	512	553	6428

SNOWFALL (inches) 2011 MAJURO (PKMR)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1982-83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983-84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984-85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985-86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986-87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987-88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988-89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993-94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994-95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996-97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997-98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998-99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999-00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006-07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011-	0.0	0.0	0.0	0.0	0.0	0.0							
POR= 57 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REFERENCE NOTES :

PAGE 1:
THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).

PAGE 2 AND 3:
H/C INDICATES HEATING AND COOLING DEGREE DAYS.
RH INDICATES RELATIVE HUMIDITY
W/O INDICATES WEATHER AND OBSTRUCTIONS
S INDICATES SUNSHINE.
PR INDICATES PRESSURE.
CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).

GENERAL:
T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.
+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
NORMALS ARE 30-YEAR AVERAGES (1971 - 2000).
ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.
PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.
POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.
WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.
0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.
CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET.
THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.
CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.
WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.

GENERAL CONTINUED:
WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.
RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.
AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.
SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.
A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.
DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.
DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.
WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.
ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.
STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm
SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:
The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

2011
MAJURO
PACIFIC (PKMR)

The station at Majuro is located on the southeastern end of the Majuro Atoll. This atoll is approximately l60 square miles in area with a lagoon of about l50 square miles. The lagoon is oblong, 22 miles long and about 4 miles wide. Dalap Island, on which the station is located, is oriented roughly east-west.

The climate of Majuro is predominately a trade-wind climate with the trade winds prevailing throughout the year. Tropical storms are very rare.

Minor storms of the easterly wave type are quite common from March to April and October to November. The trades are frequently locally interrupted during the summer months by the movement of the zone of intertropical convergence across the area.

Rainfall is heavy, with the wettest months being October and November. Precipitation is generally of the shower type, however, continuous rain is not uncommon.

One of the outstanding features of the climate is the extremely consistent temperature regime. The range between the coolest and the warmest months averages less than l degree. The average daily range is less than 9 degrees. Nighttime minima are generally 2-4 degrees warmer than the average daily minimum because lowest temperatures usually occur during heavy showers in the daytime.

Skies at Majuro are quite cloudy. Cumuliform clouds are predominant but altostratus-altocumulus and cirriform clouds are also present most of the time.

Station History

MAJURO, RM

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
MAJURO WBAS AP	1955-01-01	Present	7° 4'	171° 22'	10		COOP

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1985-10-04	Present	DAILY	2400	TB	RCRD	
PRECIP	1985-10-04	Present	HOURLY	2400	TB	RCRD	
TEMP	1985-10-04	Present	DAILY	2400			

* For explanation of codes and abbrevitions see Station Metadata link below.

Other Station Information can be found at:
ASOS Implementation by NWS: http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm
Station Metadata website: http://www.ncdc.noaa.gov/homr

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2
Fax Number : (828) 271-4876
TDD : (828) 271-4010
Email : ncdc.info@noaa.gov

NOAA/National Climatic Data Center
Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001