

Summary of Monthly Normals
1991-2020

Generated on 04/18/2024

Current Location: Elev: 215 ft. Lat: 15.1167° N Lon: 145.7167° E
Station: SAIPAN INTL AP, MP CQ CQC00914855

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	84.1	74.8	79.5	1.4	1.5	1.4	758.0	696.0	603.0	448.0	293.0	231.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	84.0	74.1	79.1	1.3	1.8	1.5	673.4	617.4	533.4	393.4	253.4	197.4	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
03	84.9	75.2	80.0	1.7	1.0	1.2	776.6	714.6	621.6	466.6	311.6	249.6	0.0	0.0	0.0	0.0	0.0	0.4	31.0	0.0	0.0	0.0
04	87.1	76.9	82.0	1.0	0.6	0.7	810.0	750.0	660.0	510.0	360.0	300.0	0.0	0.0	0.0	0.0	0.0	2.3	30.0	0.0	0.0	0.0
05	88.2	78.0	83.1	0.9	0.7	0.8	871.1	809.1	716.1	561.1	406.1	344.1	0.0	0.0	0.0	0.0	0.0	6.8	31.0	0.0	0.0	0.0
06	88.4	78.5	83.4	1.6	0.9	1.1	853.5	793.5	703.5	553.5	403.5	343.5	0.0	0.0	0.0	0.0	0.0	12.8	30.0	0.0	0.0	0.0
07	87.8	78.1	82.9	1.3	1.1	1.2	866.5	804.5	711.5	556.5	401.5	339.5	0.0	0.0	0.0	0.0	0.0	8.1	31.0	0.0	0.0	0.0
08	87.2	77.5	82.4	1.4	1.2	1.2	847.9	785.9	692.9	537.9	382.9	320.9	0.0	0.0	0.0	0.0	0.0	5.8	31.0	0.0	0.0	0.0
09	87.2	77.2	82.2	0.8	0.8	0.7	816.0	756.0	666.0	516.0	366.0	306.0	0.0	0.0	0.0	0.0	0.0	4.6	30.0	0.0	0.0	0.0
10	86.6	77.1	81.8	1.0	1.0	1.0	832.4	770.4	677.4	522.4	367.4	305.4	0.0	0.0	0.0	0.0	0.0	2.3	31.0	0.0	0.0	0.0
11	86.5	77.3	81.9	1.1	1.1	1.1	807.0	747.0	657.0	507.0	357.0	297.0	0.0	0.0	0.0	0.0	0.0	1.3	30.0	0.0	0.0	0.0
12	85.7	76.4	81.0	0.8	1.5	1.1	807.5	745.5	652.5	497.5	342.5	280.5	0.0	0.0	0.0	0.0	0.0	0.2	31.0	0.0	0.0	0.0
Summary	86.5	76.8	81.6	1.2	1.1	1.1	9720	8990	7895	6070	4245	3515	0	0	0	0	0.0	44.6	365.0	0.0	0.0	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	3.65	17.4	7.4	2.1	0.7	1.63	2.43	5.14	
02	2.50	15.3	6.2	1.1	0.4	1.12	2.23	3.25	
03	1.96	14.2	5.2	0.8	0.2	1.18	1.90	2.31	
04	2.75	16.4	6.3	1.1	0.5	1.28	2.50	3.73	
05	3.12	17.9	7.1	1.8	0.5	2.12	3.10	4.07	
06	4.24	20.2	10.0	2.0	0.6	2.44	3.61	4.57	
07	7.43	24.3	15.2	4.2	1.8	4.68	7.01	8.93	
08	12.86	23.9	16.4	6.9	3.9	7.55	12.04	15.03	
09	11.42	23.3	15.9	6.9	3.7	8.57	10.66	13.88	
10	10.72	24.5	16.8	6.4	2.9	7.60	10.43	13.85	
11	5.21	20.7	10.7	2.9	1.1	3.02	4.38	6.38	
12	3.78	18.9	9.0	1.8	0.8	2.14	3.24	4.71	
Summary	69.64	237.0	126.2	38.0	17.1	43.33	63.53	85.85	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	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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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1223.0	1093.4	1241.6	1260.0	1336.1	1303.5	1331.5	1312.9	1266.0	1297.4	1257.0	1272.5
45	1068.0	953.4	1086.6	1110.0	1181.1	1153.5	1176.5	1157.9	1116.0	1142.4	1107.0	1117.5
50	913.0	813.4	931.6	960.0	1026.1	1003.5	1021.5	1002.9	966.0	987.4	957.0	962.5
55	758.0	673.4	776.6	810.0	871.1	853.5	866.5	847.9	816.0	832.4	807.0	807.5
60	603.0	533.4	621.6	660.0	716.1	703.5	711.5	692.9	666.0	677.4	657.0	652.5
Growing Degree Units for Corn (Monthly)												
50/86	910.9	812.3	926.7	939.4	990.2	965.5	987.6	977.0	941.8	969.0	942.6	955.2

Growing Degree Units (Accumulated Monthly)												
40	1223	2316	3558	4818	6154	7458	8789	10102	11368	12665	13922	15195
45	1068	2021	3108	4218	5399	6553	7729	8887	10003	11145	12252	13370
50	913	1726	2658	3618	4644	5648	6669	7672	8638	9625	10582	11545
55	758	1431	2208	3018	3889	4743	5609	6457	7273	8105	8912	9720
60	603	1136	1758	2418	3134	3838	4549	5242	5908	6585	7242	7895
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	911	1723	2650	3589	4580	5545	6533	7510	8451	9420	10363	11318

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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