

Summary of Monthly Normals 1991-2020

Generated on 02/22/2024

Current Location: Elev: 12 ft. Lat: 14.3306° S Lon: 170.7136° W
 Station: **PAGO PAGO WSO AP, AS AQ AQW00061705**

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	87.8	78.2	83.0	1.4	1.4	1.3	868.0	806.0	713.0	558.0	403.0	341.0	0.0	0.0	0.0	0.0	0.0	7.1	31.0	0.0	0.0	0.0
02	88.1	78.3	83.2	1.7	1.4	1.4	789.6	733.6	649.6	509.6	369.6	313.6	0.0	0.0	0.0	0.0	0.0	7.7	28.0	0.0	0.0	0.0
03	88.4	78.2	83.3	1.3	1.2	1.2	877.3	815.3	722.3	567.3	412.3	350.3	0.0	0.0	0.0	0.0	0.0	8.7	31.0	0.0	0.0	0.0
04	87.8	78.1	83.0	1.2	1.1	1.0	838.5	778.5	688.5	538.5	388.5	328.5	0.0	0.0	0.0	0.0	0.0	5.3	30.0	0.0	0.0	0.0
05	86.4	77.9	82.2	1.1	1.2	1.0	841.7	779.7	686.7	531.7	376.7	314.7	0.0	0.0	0.0	0.0	0.0	1.5	31.0	0.0	0.0	0.0
06	85.2	77.8	81.5	1.1	1.0	1.0	795.0	735.0	645.0	495.0	345.0	285.0	0.0	0.0	0.0	0.0	0.0	0.2	30.0	0.0	0.0	0.0
07	84.6	77.2	80.9	1.3	1.0	1.0	802.9	740.9	647.9	492.9	337.9	275.9	0.0	0.0	0.0	0.0	0.0	0.3	31.0	0.0	0.0	0.0
08	84.7	77.0	80.9	1.1	1.1	1.0	801.4	739.4	646.4	491.4	336.4	274.4	0.0	0.0	0.0	0.0	0.0	0.2	31.0	0.0	0.0	0.0
09	85.7	77.5	81.6	1.0	1.1	1.0	798.0	738.0	648.0	498.0	348.0	288.0	0.0	0.0	0.0	0.0	0.0	0.7	30.0	0.0	0.0	0.0
10	86.3	77.7	82.0	1.2	1.1	1.1	837.0	775.0	682.0	527.0	372.0	310.0	0.0	0.0	0.0	0.0	0.0	2.0	31.0	0.0	0.0	0.0
11	87.0	78.0	82.5	1.5	1.1	1.2	825.0	765.0	675.0	525.0	375.0	315.0	0.0	0.0	0.0	0.0	0.0	3.1	30.0	0.0	0.0	0.0
12	87.6	78.2	82.9	1.2	1.1	0.9	864.9	802.9	709.9	554.9	399.9	337.9	0.0	0.0	0.0	0.0	0.0	5.3	31.0	0.0	0.0	0.0
Summary	86.6	77.8	82.2	1.3	1.1	1.1	9939	9209	8114	6289	4464	3734	0	0	0	0	0.0	42.1	365.0	0.0	0.0	0.0

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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	15.25	24.3	17.9	9.1	4.4	10.64	13.43	21.01	
02	13.70	22.0	14.6	7.3	4.2	9.11	11.91	14.69	
03	10.95	23.8	16.2	7.0	3.2	8.19	10.76	13.40	
04	11.27	22.2	14.7	6.8	3.6	6.61	9.33	14.30	
05	11.73	20.8	13.5	6.6	3.4	7.84	10.69	14.91	
06	6.37	18.8	10.7	3.9	1.7	3.80	5.22	7.69	
07	7.51	20.0	11.6	4.3	2.0	4.39	6.40	9.75	
08	6.93	19.0	10.7	3.8	1.8	3.59	5.90	8.76	
09	7.99	18.4	10.9	4.3	2.4	4.96	6.78	10.53	
10	10.24	21.1	13.1	6.0	3.2	6.45	9.31	11.93	
11	12.05	21.3	14.6	7.0	3.8	8.55	11.89	15.52	
12	14.35	23.8	17.0	8.4	4.7	10.13	12.62	18.11	
Summary	128.34	255.5	165.5	74.5	38.4	84.26	114.24	160.60	

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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	1333.0	1209.6	1342.3	1288.5	1306.7	1245.0	1267.9	1266.4	1248.0	1302.0	1275.0	1329.9
45	1178.0	1069.6	1187.3	1138.5	1151.7	1095.0	1112.9	1111.4	1098.0	1147.0	1125.0	1174.9
50	1023.0	929.6	1032.3	988.5	996.7	945.0	957.9	956.4	948.0	992.0	975.0	1019.9
55	868.0	789.6	877.3	838.5	841.7	795.0	802.9	801.4	798.0	837.0	825.0	864.9
60	713.0	649.6	722.3	688.5	686.7	645.0	647.9	646.4	648.0	682.0	675.0	709.9
Growing Degree Units for Corn (Monthly)												
50/86	989.8	895.6	992.5	957.6	979.9	938.6	953.5	951.4	937.6	976.0	951.7	989.2

Growing Degree Units (Accumulated Monthly)												
40	1333	2543	3885	5173	6480	7725	8993	10259	11507	12809	14084	15414
45	1178	2248	3435	4573	5725	6820	7933	9044	10142	11289	12414	13589
50	1023	1953	2985	3973	4970	5915	6873	7829	8777	9769	10744	11764
55	868	1658	2535	3373	4215	5010	5813	6614	7412	8249	9074	9939
60	713	1363	2085	2773	3460	4105	4753	5399	6047	6729	7404	8114
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	990	1885	2878	3836	4815	5754	6708	7659	8596	9572	10524	11513

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

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