

Summary of Monthly Normals 1991-2020

Generated on 12/11/2023

Current Location: Elev: 254 ft. Lat: 13.4833° N Lon: 144.8000° E
 Station: **GUAM INTL AP, GU GQ GQW00041415**

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	85.9	75.4	80.6	0.8	0.9	0.8	795.2	733.2	640.2	485.2	330.2	268.2	0.0	0.0	0.0	0.0	0.0	0.2	31.0	0.0	0.0	0.0
02	86.0	75.0	80.5	0.7	1.1	0.7	714.0	658.0	574.0	434.0	294.0	238.0	0.0	0.0	0.0	0.0	0.0	0.1	28.0	0.0	0.0	0.0
03	86.9	75.6	81.3	0.7	1.2	0.8	813.8	751.8	658.8	503.8	348.8	286.8	0.0	0.0	0.0	0.0	0.0	1.2	31.0	0.0	0.0	0.0
04	88.1	76.9	82.5	0.8	1.1	0.8	825.0	765.0	675.0	525.0	375.0	315.0	0.0	0.0	0.0	0.0	0.0	4.4	30.0	0.0	0.0	0.0
05	88.6	77.8	83.2	0.9	1.1	0.8	874.2	812.2	719.2	564.2	409.2	347.2	0.0	0.0	0.0	0.0	0.0	8.7	31.0	0.0	0.0	0.0
06	88.7	78.1	83.4	1.1	1.2	1.0	852.0	792.0	702.0	552.0	402.0	342.0	0.0	0.0	0.0	0.0	0.0	10.5	30.0	0.0	0.0	0.0
07	87.9	77.1	82.5	1.1	1.2	1.0	852.5	790.5	697.5	542.5	387.5	325.5	0.0	0.0	0.0	0.0	0.0	6.8	31.0	0.0	0.0	0.0
08	87.2	76.5	81.8	1.0	0.9	0.8	832.4	770.4	677.4	522.4	367.4	305.4	0.0	0.0	0.0	0.0	0.0	4.5	31.0	0.0	0.0	0.0
09	87.2	76.3	81.8	0.8	0.8	0.7	802.5	742.5	652.5	502.5	352.5	292.5	0.0	0.0	0.0	0.0	0.0	3.7	30.0	0.0	0.0	0.0
10	87.4	76.8	82.1	0.8	0.9	0.7	840.1	778.1	685.1	530.1	375.1	313.1	0.0	0.0	0.0	0.0	0.0	3.9	31.0	0.0	0.0	0.0
11	87.6	77.3	82.5	0.9	1.1	0.9	823.5	763.5	673.5	523.5	373.5	313.5	0.0	0.0	0.0	0.0	0.0	3.7	30.0	0.0	0.0	0.0
12	86.8	76.8	81.8	1.0	1.1	1.0	830.8	768.8	675.8	520.8	365.8	303.8	0.0	0.0	0.0	0.0	0.0	0.9	31.0	0.0	0.0	0.0
Summary	87.4	76.6	82.0	0.9	1.1	0.8	9856	9126	8031	6206	4381	3651	0	0	0	0	0.0	48.6	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	5.34	20.1	11.0	2.7	1.1	2.93	4.61	6.72	
02	4.15	18.0	8.6	2.2	0.8	2.48	3.72	5.17	
03	2.77	18.3	7.6	1.3	0.2	1.64	2.43	4.01	
04	3.50	18.9	8.3	1.3	0.5	1.55	2.89	4.78	
05	4.45	19.7	9.4	2.3	0.7	2.31	3.52	6.58	
06	6.51	23.2	14.0	4.0	1.2	4.62	6.03	7.62	
07	12.25	26.0	17.8	6.7	3.3	7.13	10.30	14.71	
08	17.66	25.9	19.2	9.7	5.2	11.15	15.52	21.37	
09	15.17	25.1	19.3	8.9	4.5	11.97	15.19	17.26	
10	12.73	25.4	18.0	7.8	3.5	9.95	12.12	14.88	
11	8.29	23.9	14.3	4.8	2.2	5.13	6.30	10.53	
12	5.30	22.7	11.5	2.7	0.8	3.35	4.30	7.29	
Summary	98.12	267.2	159.0	54.4	24.0	64.21	86.93	120.92	

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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	1260.2	1134.0	1278.8	1275.0	1339.2	1302.0	1317.5	1297.4	1252.5	1305.1	1273.5	1295.8
45	1105.2	994.0	1123.8	1125.0	1184.2	1152.0	1162.5	1142.4	1102.5	1150.1	1123.5	1140.8
50	950.2	854.0	968.8	975.0	1029.2	1002.0	1007.5	987.4	952.5	995.1	973.5	985.8
55	795.2	714.0	813.8	825.0	874.2	852.0	852.5	832.4	802.5	840.1	823.5	830.8
60	640.2	574.0	658.8	675.0	719.2	702.0	697.5	677.4	652.5	685.1	673.5	675.8
Growing Degree Units for Corn (Monthly)												
50/86	940.9	845.3	950.3	942.3	987.6	959.6	973.5	961.2	927.3	967.0	945.9	968.0

Growing Degree Units (Accumulated Monthly)												
40	1260	2394	3673	4948	6287	7589	8907	10204	11457	12762	14035	15331
45	1105	2099	3223	4348	5532	6684	7847	8989	10092	11242	12365	13506
50	950	1804	2773	3748	4777	5779	6787	7774	8727	9722	10695	11681
55	795	1509	2323	3148	4022	4874	5727	6559	7362	8202	9025	9856
60	640	1214	1873	2548	3267	3969	4667	5344	5997	6682	7355	8031
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	941	1786	2736	3679	4666	5626	6600	7561	8488	9455	10401	11369

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

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