

Local Climatological Data Daily Summary August 1998

Current Location: Elev: 16 ft. Lat: 29.9506° N Lon: -94.0206° W

Generated on 08/03/2023

Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN: 72241012917 (KBPT)**

Date	Temperature (F)							Degree Days (base 65F)		Sun (LST)		Weather	Precipitation (in)			Pressure (inHg)		Wind	Maximum Wind Speed = MPH				
	Max	Min	Avg	Dep	ARH	ADP	AWB	Heat	Cool	Rise	Set		Weather Type	TLC	Snow Fall	Snow Depth	Avg Stn		Avg SL	Avg Speed	Peak Speed	Peak Dir	Sust. Speed
	2	3	4	5	6	7	8	9	10	11	12	13		14	15	16	17	18	19	20	21	22	23
01										0535	1909	FG BR											
02										0536	1909	TS FG BR HZ											
03										0536	1908	FG BR HZ											
04										0537	1907	HZ											
05										0537	1906	TS RA FG BR											
06										0538	1905	TS RA FG BR HZ											
07										0539	1905	TS RA FG BR											
08										0539	1904	TS											
10										0540	1902	FG BR											
13										0542	1859	TS RA FG BR											
14										0543	1858	TS RA FG BR											
15										0543	1857	TS RA FG BR											
16										0544	1856	TS FG											
17										0545	1855	TS RA HZ											
18										0545	1854	TS RA FG BR											
19										0546	1853	TS FG BR HZ											
20										0546	1852	TS RA FG BR HZ											
21										0547	1851	RA FG BR											
22										0547	1850	RA FG BR											
23										0548	1849	FG BR											
24										0549	1848	FG BR											
26										0550	1846	FG BR											
27										0550	1845	FG BR HZ											
28										0551	1843	FG BR HZ											
29										0551	1842	FG BR HZ											
30										0552	1841	RA FG BR HZ											
31										0552	1840	TS RA FG BR											
Monthly Averages Totals																							
Departure from Normal (1981-2010)																							
Degree Days												Number of days with...											
Monthly				Season-to-date				Temperature				Precipitation		Snow		Weather							
Total		Departure		Total		Departure		Max		Min		>=0.01"		>=0.1"		>=1"		T-Storms		Heavy Fog			
Heating								>=90°		<=32°		<=32°		<=0°									
Cooling																							
Date of 5-sec to 3-sec wind equipment change								Sea Level Pressure								Greatest...							
N/A												Date		Time		24-Hr...				Snow Depth			
								Maximum								Precip		Snowfall					
								Minimum												Date			
Station Augmentation																							
Name:N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A																							

Local Climatological Data Hourly Observations August 1998

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Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press Tend	Net 3-Hr Change (inHg)	Sea Level Press (inHg)	Report Type	Precip Total (in)	Alti- meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21	0053	C		4.97	FG	76	24.4	76	24.4	76	24.4	100	5	050		30.00			30.02	FM-15	0.00	30.02
21	0100	9																		NSRDB		
21	0153	C		4.97	FG	77	25.0	76	24.4	76	24.4	96	12	030		29.98			30.01	FM-15	0.00	30.01
21	0200	9																		NSRDB		
21	0253	C		4.97	FG	76	24.4	75	23.9	75	23.9	97	8	030		30.00	5	+0.02	30.02	FM-15	0.00	30.02
21	0300	9																		NSRDB		
21	0353	C		4.97	FG	77	25.0	76	24.4	75	23.9	94	8	050		30.00			30.01	FM-15	0.00	30.02
21	0400	9																		NSRDB		
21	0453	C		5.97	FG	76	24.4	75	23.9	75	23.9	97	6	050		29.98			30.00	FM-15	0.00	30.00
21	0500	9																		NSRDB		
21	0600	3		3.98	FG	76	24.4	75	23.9	75	23.9	97	9	040		29.98	6	+0.01	30.01	SY-MT	0.00	30.01
21	0653	C		4.97	FG	76	24.4	75	23.9	75	23.9	97	9	050		30.00			30.02	FM-15	0.00	30.02
21	0700	9																		NSRDB		
21	0753	C	FEW:02 20	7.95		80	26.7	78	25.6	77	25.0	90	12	060		30.01			30.03	FM-15	0.00	30.03
21	0800	9																		NSRDB		
21	0853	C	FEW:02 20	9.94		82	27.8	79	26.1	78	25.6	88	10	050		30.01	1	-0.03	30.03	FM-15	0.00	30.04
21	0900	9																		NSRDB		
21	0953	C		9.94		83	28.3	78	25.6	76	24.4	79	15	080		30.03			30.04	FM-15	0.01	30.05
21	1000	9																		NSRDB		
21	1053	C	FEW:02 20	9.94		84	28.9	78	25.6	76	24.4	77	17	070		30.03			30.05	FM-15	T	30.05
21	1100	9																		NSRDB		
21	1200	3	BKN:07 31	9.94		85	29.4	79	26.1	77	25.0	77	16	060		30.01	0	-0.01	30.04	SY-MT	0.00	30.04
21	1253	C	FEW:02 30 FEW:02 38 BKN:07 47	9.94		86	30.0	80	26.7	78	25.6	77	9	050		29.98			30.00	FM-15	0.00	30.00
21	1300	9																		NSRDB		
21	1353	4	FEW:02 9 FEW:02 24 BKN:07 32	2.00	RA	81	27.2	80	26.7	79	26.1	94	18	090	31	29.98			30.01	FM-15	0.23	30.01
21	1400	3	FEW:02 11 BKN:07 24 BKN:07 32	1.99	FG RA	81	27.2	79	26.1	78	25.6	91	18	090	31	29.98			30.01	FM-15	0.23	30.01
21	1413	4	BKN:07 14 BKN:07 24 OVC:08 31	2.00	RA	75	23.9	75	23.9	75	23.9	100	15	110	26	29.98			30.00	FM-16		30.00
21	1418	4	BKN:07 16 BKN:07 24 BKN:07 49	3.00	RA	77	25.0	76	24.4	75	23.9	94	15	100	22	29.98			30.00	FM-16		30.00
21	1430	4	BKN:07 16 BKN:07 46	2.00	RA	77	25.0	76	24.4	75	23.9	94	18	080	36	29.98			30.00	FM-15	0.18	30.00
21	1437	4	BKN:07 18 BKN:07 46	4.00	RA	77	25.0	76	24.4	75	23.9	94	17	090	24	29.98			30.00	FM-16		30.00
21	1453	C	FEW:02 18	6.96		79	26.1	78	25.6	77	25.0	94	18	090	24	29.98	6	+0.04	30.00	FM-15	0.19	30.00
21	1500	9																		NSRDB		

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Local Climatological Data
Hourly Remarks
August 1998

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN: 72241012917 (KBPT)**

Date	Time (LST)	Remarks
21	0053	MET025NEW AO2 SLP165 T02440244;
21	0153	MET025NEW AO2 SLP162 T02500244;
21	0253	MET031NEW AO2 SLP165 T02440239 55006;
21	0353	MET025NEW AO2 SLP164 T02500239;
21	0453	MET025NEW AO2 SLP159 T02440239;
21	0600	MET049NEW AO2 SLP162 70060 T02440239 10250 20239 56004;
21	0653	MET025NEW AO2 SLP167 T02440239;
21	0753	MET037NEW AO2 SLP168 TCU DSNT SW T02670250;
21	0853	MET031NEW AO2 SLP171 T02780256 51009;
21	0953	MET031NEW AO2 SLP174 P0001 T02830244;
21	1053	MET042NEW AO2 RAB1558E08 SLP176 P0000 T02890244;
21	1200	MET049NEW AO2 SLP172 60001 T02940250 10294 20244 50002;
21	1253	MET025NEW AO2 SLP160 T03000256;
21	1353	MET063NEW AO2 PK WND 08027/1951 RAB1856E05B31 SLP161 P0023 T02720256;
21	1400	MET014NEW AO2 P0001;
21	1413	MET039NEW AO2 PK WND 08027/1956 PRESRR P0014;
21	1418	MET039NEW AO2 PK WND 08027/1956 PRESRR P0014;
21	1430	MET039NEW AO2 PK WND 09031/2022 PRESRR P0018;
21	1437	MET039NEW AO2 PK WND 09031/2022 PRESRR P0019;
21	1453	MET074NEW AO2 PK WND 09031/2022 RAE47 PRESRR SLP158 P0019 60042 T02610250 56015;
21	1546	MET020NEW AO2 RAB06E21 P00
21	1553	MET040NEW AO2 RAB06E21 SLP157 P0000 T02670250;
21	1613	MET008NEW AO2;
21	1641	MET020NEW AO2 RAB35 P0000;
21	1653	MET040NEW AO2 RAB35E48 SLP155 P0000 T02670250;
21	1708	MET008NEW AO2;
21	1738	MET008NEW AO2;
21	1800	MET049NEW AO2 SLP154 60042 T02670250 10306 20244 58003;
21	1853	MET025NEW AO2 SLP156 T02670250;
21	1953	MET025NEW AO2 SLP161 T02610250;
21	2053	MET031NEW AO2 SLP164 T02610250 53009;
21	2145	MET008NEW AO2;
21	2153	MET025NEW AO2 SLP161 T02610244;
21	2253	MET025NEW AO2 SLP160 T02610244;

Local Climatological Data
Hourly Precipitation
August 1998

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Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN: 72241012917 (KBPT)**

Date	For Hour (LST) Ending at																					Date				
	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	NOON	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM		10 PM	11 PM	MID	
01				M		M						M						M						M	01	
02						M						M						M						M	02	
03						M						M						M						M	03	
04						M			M			M						M						M	04	
05						M						M						M					T	T	M	05
06	T	T	T			M						M		T				M						M	06	
07					M		T	0.04	0.08	0.02	0.04	M	T		T			M						T	M	07
08						M	0.02					M						M							M	08
09						M						M				M		M								09
10						M						M						M							M	10
11						M						M						M							M	11
12						M				M		M				M		M							M	12
13						M						M			M			M							M	13
14						M					M	0.92	M	0.92	0.14	0.05	0.01								M	14
15				M	T	1.05	0.61	0.04	0.03	T	T	M		0.14	M	0.15										15
16												M						M							M	16
17						M								0.02	0.03	0.02	T	M	0.01						M	17
18						M		M			0.52	M			M			M							M	18
19						M		M				M			0.01			M							M	19
20				0.01		M						M			0.18	0.23	0.09	M	0.03	0.02	0.03	T			M	20
21						M				0.01	T	M		0.23	0.19	T	T	M							M	21
22	T	T				M	0.05	M	0.16	0.07	T	0.01				0.10	0.01	M							M	22
23						M						M						M							M	23
24				T		M						M						M							M	24
25						M						M						M							M	25
26					M						M							M							M	26
27						M						M						M							M	27
28						M						M						M							M	28
29						M						M						M							M	29
30						M						M						M	0.04						M	30
31				M	M			M				M					M	0.19	M	T					M	31

Maximum Short Duration Precipitation

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)												
Ending Date Time (yyyy-mm-dd hh:mi)												

Hourly, daily, and monthly totals on the Daily Summary page and the Hourly Precipitation Table are shown as reported by the instrumentation at the site. However, NWS does not edit hourly values for its ASOS sites, but may edit the daily and monthly totals for selected sites which will be reflected on the Daily Summary page.

T = Trace
 s = Suspect
 * = Erroneous
 blank = No precipitation observed
 M = Missing