

## 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	Sust. Dir	
	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													
<b>Monthly Averages   Totals</b>																									
<b>Departure from Normal (1981-2010)</b>																									
<b>Degree Days</b>										<b>Number of days with...</b>															
<b>Monthly</b>		<b>Season-to-date</b>								<b>Temperature</b>				<b>Precipitation</b>		<b>Snow</b>		<b>Weather</b>							
		<b>Total</b>		<b>Departure</b>						<b>Total</b>		<b>Departure</b>		<b>Max</b>		<b>Min</b>		<b>Precipitation</b>		<b>Snow</b>		<b>Weather</b>			
<b>Heating</b>										<b>&gt;=90°</b>		<b>&lt;=32°</b>		<b>&lt;=32°</b>		<b>&lt;=0°</b>		<b>&gt;=0.01"</b>		<b>&gt;=0.1"</b>		<b>&gt;=1"</b>		<b>T-Storms</b>	<b>Heavy Fog</b>
<b>Cooling</b>																									
<b>Date of 5-sec to 3-sec wind equipment change</b>								<b>Sea Level Pressure</b>								<b>Greatest...</b>									
N/A												<b>Date</b>		<b>Time</b>		<b>24-Hr...</b>				<b>Snow Depth</b>					
								<b>Maximum</b>								<b>Precip</b>		<b>Snowfall</b>							
								<b>Minimum</b>										<b>Date</b>							
<b>Station Augmentation</b>																									
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

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

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

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
20	0053	C		4.97	FG	77	25.0	77	25.0	77	25.0	100	3	010		29.96			29.97	FM-15	0.00	29.98
20	0100	9																		NSRDB		
20	0153	C	FEW:02 79	2.98	FG	78	25.6	77	25.0	77	25.0	97	3	360		29.96			29.97	FM-15	0.00	29.98
20	0200	9																		NSRDB		
20	0241	4	FEW:02 49	2.50		79	26.1	78	25.6	77	25.0	94	3	030		29.95			29.97	FM-16		29.97
20	0253	C	FEW:02 24 BKN:07 49 BKN:07 59	3.98	TS FG	79	26.1	78	25.6	77	25.0	94	7	100		29.96	5	+0.01	29.98	FM-15	0.00	29.98
20	0310	3	BKN:07 24 OVC:08 46	5.00	TS	79	26.1	78	25.6	77	25.0	94	9	120		29.96			29.98	FM-16		29.98
20	0325	4	FEW:02 24 BKN:07 46 OVC:08 49	5.00	SHRA TS	79	26.1	76	24.4	75	23.9	89	0	000		29.95			29.97	FM-15	0.01	29.97
20	0353	C	BKN:07 89	3.98	TS FG	76	24.4	75	23.9	75	23.9	97	6	240		29.96			29.97	FM-15	0.01	29.98
20	0402	3	FEW:02 8 FEW:02 25 BKN:07 98	4.00	TS	75	23.9	75	23.9	75	23.9	100	6	240		29.96			29.98	FM-16		29.98
20	0420	4	FEW:02 25 BKN:07 98	5.00		75	23.9	75	23.9	75	23.9	100	3	250		29.96			29.98	FM-15		29.98
20	0453	C	FEW:02 25 BKN:07 98	3.98	FG	75	23.9	75	23.9	75	23.9	100	3	010		29.96			29.98	FM-15	0.00	29.98
20	0500	9																		NSRDB		
20	0538	4		2.50		73	22.8	73	22.8	73	22.8	100	0	000		29.96			29.98	FM-16		29.99
20	0600	3		2.49	FG	74	23.3	74	23.3	74	23.3	100	0	000		29.96	3	-0.01	29.98	SY-MT	0.00	29.99
20	0653	C		2.49	FG	78	25.6	77	25.0	77	25.0	97	3	040		29.98			29.99	FM-15	0.00	30.00
20	0700	9																		NSRDB		
20	0753	C	FEW:02 108	2.98	FG	81	27.2	79	26.1	78	25.6	91	7	030		30.00			30.01	FM-15	0.00	30.02
20	0800	9																		NSRDB		
20	0853	C		6.96		85	29.4	80	26.7	78	25.6	80	8	050		30.01	3	-0.04	30.02	FM-15	0.00	30.03
20	0900	9																		NSRDB		
20	0953	C		5.97	HZ	87	30.6	80	26.7	78	25.6	75	6	040		30.01			30.03	FM-15	0.00	30.03
20	1000	9																		NSRDB		
20	1053	C		5.97	HZ	90	32.2	81	27.2	77	25.0	66	9	080		30.01			30.02	FM-15	0.00	30.03
20	1100	9																		NSRDB		
20	1200	3		6.96		91	32.8	80	26.7	76	24.4	61	9	070		29.98	8	+0.01	30.01	SY-MT	0.00	30.01
20	1253	C	FEW:02 43	5.97	HZ	92	33.3	80	26.7	76	24.4	60	8	050		29.96			29.99	FM-15	0.00	29.99
20	1300	9																		NSRDB		
20	1353	C	FEW:02 48	6.96		93	33.9	81	27.2	76	24.4	58	8	060		29.93			29.96	FM-15	0.00	29.96
20	1400	9																		NSRDB		
20	1441	4	FEW:02 48	5.00	HZ TS	93	33.9	80	26.7	75	23.9	56	7	110		29.93			29.96	FM-16		29.96
20	1453	4	FEW:02 12 FEW:02 38 BKN:07 46	0.50	FG SHRA TS	79	26.1	76	24.4	75	23.9	89	34	060	46	29.96	6	+0.04	29.98	FM-15	0.18	29.99
20	1500	3	FEW:02 8	0.50	FG SHRA	79	26.1	76	24.4	75	23.9	88	35	060	46	29.95			29.98	FM-15	0.18	29.99



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
20	0053	MET025NEW AO2 SLP150 T02500250;
20	0153	MET025NEW AO2 SLP150 T02560250;
20	0241	MET008NEW AO2;
20	0253	MET037NEW AO2 TSB48 SLP151 T02610250 55002;
20	0310	MET008NEW AO2;
20	0325	MET020NEW AO2 RAB21 P0001;
20	0353	MET040NEW AO2 RAB21E36 SLP150 P0001 T02440239;
20	0402	MET008NEW AO2;
20	0420	MET014NEW AO2 TSE20;
20	0453	MET031NEW AO2 TSE20 SLP153 T02390239;
20	0538	MET018NEW AO2 BR FEW000;
20	0600	MET065NEW AO2 SLP154 BR SCT000 60001 70002 T02330233 10261 20233 53004;
20	0653	MET032NEW AO2 SLP157 BR SCT000 T025602
20	0753	MET025NEW AO2 SLP164 T02720256;
20	0853	MET031NEW AO2 SLP167 T02940256 53013;
20	0953	MET025NEW AO2 SLP168 T03060256;
20	1053	MET025NEW AO2 SLP167 T03220250;
20	1200	MET043NEW AO2 SLP161 T03280244 10328 20233 58005;
20	1253	MET025NEW AO2 SLP155 T03330244;
20	1353	MET025NEW AO2 SLP146 T03390244;
20	1441	MET037NEW AO2 TSB40 OCNL LTGCG TS N MOV SW;
20	1453	MET104NEW AO2 PK WND 06040/2052 TSB40RAB49 PRESRR SLP154 OCNL LTGCG TS N MOV SW P0018 60012 T02610239 56015 /;
20	1500	MET039NEW AO2 PK WND 02028/2055 PRESRR P0016;
20	1502	MET039NEW AO2 PK WND 31032/2057 PRESRR P0023;
20	1514	MET032NEW AO2 TSE13RAE07 PRESRR P0023;
20	1523	MET043NEW AO2 WSHFT 2102 TSE13RAE07 PRESRR P0023;
20	1553	MET068NEW AO2 WSHFT 2102 TSE13RAE07 PRESFR SLP144 FEW000 BR P0023 T0267024
20	1624	MET061NEW AO2 TSB18 PRESRR OCNL LTGCG NNE TS SW DRFTG WSW CB N-ENE;
20	1639	MET068NEW AO2 TSB18RAB27 PRESRR OCNL LTGCG NNE TS SW DRFTG WSW CB N-ENE P0
20	1653	MET091NEW AO2 TSB18E49RAB27 PRESFR SLP150 OCNL LTGCG NNE TS SW DRFTG WSW CB N-ENE P0009 T02500244
20	1746	MET062NEW AO2 TSB40RAE2255 PRESRR OCNL LTGCG NE TS NE MOV WSW P0000;
20	1800	MET104NEW AO2 TSB40RAE2255B52 PRESRR SLP156 OCNL LTGCG NE TS NE MOV WSW P0002 60052 T02500233 10344 20244 5301
20	1837	MET032NEW AO2 TSE31RAE37 PRESFR P0003;
20	1853	MET067NEW AO2 TSE31RAE37 PRESFR SLP154 OCNL LTGCG DSNT E P0003 T02500239;
20	1927	MET080NEW AO2 PK WND 12027/0112 TSB21RAB20 PRESRR FRQ LTGCCCG ALQDS TS E DRFTG WSW P00
20	1943	MET080NEW AO2 PK WND 12027/0112 TSB21RAB20 PRESRR FRQ LTGCCCG ALQDS TS E DRFTG WSW P00
20	1953	MET102NEW AO2 PK WND 12027/0112 TSB21RAB20 PRESRR SLP166 FRQ LTGCCCG ALQDS TS E DRFTG WSW P0002 T02440244 2;
20	2008	MET020NEW AO2 TSE02 P0001;

20	2053	MET049NEW AO2 TSE02 SLP164 P0003 60008 T02440239 53004;
20	2153	MET039NEW AO2 RAE0258 SLP172 P0000 T02440244;
20	2253	MET025NEW AO2 SLP171 T02390239;

**Local Climatological Data**  
**Hourly Precipitation**  
**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	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				T	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							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										M	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							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