

# Local Climatological Data Daily Summary August 2020

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

Generated on 06/05/2021

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	Direction = Degrees					
												Peak Speed						Peak Dir			Sust. Speed	Sust. Dir				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
01	87	74	81	-2.3	89	75	77	0	16	0536	1909	TS RA BR	0.07			29.93	29.95	3.5	20	320	14	310				
02	94	73	84	0.7	76	73	76	0	19	0536	1908	FG BR	0.00			29.93	29.95	3.9	14	350	10	350				
03	96	74	85	1.7	77	74	77	0	20	0537	1907		0.00			29.95	29.97	5.1	17	260	12	180				
04	95	72	84	0.7	84	75	76	0	19	0537	1906	TS RA FG BR	0.19			29.96	29.97	4.5	31	320	21	330				
05	93	72	83	-0.3	85	76	77	0	18	0538	1905	TS RA BR	0.47			29.96	29.97	4.2	25	060	18	050				
06	90	75	83	-0.3	85	77	78	0	18	0539	1905	TS	T			29.98	29.99	3.3	21	200	13	210				
07	93	75	84	0.7	80	76	78	0	19	0539	1904	RA BR	T			30.01	30.02	3.4	16	120	10	130				
08	88	75	82	-1.4	88	77	78	0	17	0540	1903	TS RA BR	0.12			30.06	30.08	1.8	17	130	13	120				
09	91	74	83	-0.4	86	77	78	0	18	0540	1902	TS BR	0.01			30.06	30.08	4.0	21	230	14	200				
10	92	74	83	-0.4	82	76	78	0	18	0541	1901	BR	0.00			30.03	30.04	4.9	17	190	13	190				
11	93	76	85	1.6	85	77	79	0	20	0542	1900	TS RA	0.01			29.96	29.98	5.2	20	280	15	180				
12	95	76	86	2.6	84	78	79	0	21	0542	1859	TS RA BR	T			29.94	29.96	5.8	23	180	15	180				
13	95	75	85	1.7	83	78	80	0	20	0543	1858	FG BR	0.00			29.94	29.95	5.1	20	200	15	200				
14	96	76	86	2.7	81	77	79	0	21	0543	1857		0.00			29.90	29.92	5.9	20	200	15	180				
15	97	76	87	3.7	81	78	80	0	22	0544	1856	RA	T			29.91	29.93	5.3	19	190	14	210				
16	100*	76	88	4.7	78	78	80	0	23	0545	1855		0.00			29.95	29.97	4.9	17	270	12	300				
17	94	73	84	0.7	67	70	74	0	19	0545	1854	TS RA BR	0.91			29.98	30.00	8.8	38	360	26	340				
18	96	71	84	0.8	68	70	74	0	19	0546	1853		0.00			29.90	29.93	4.7	16	350	12	350				
19	95	71	83	-0.2	64	68	73	0	18	0546	1852		0.00			29.83	29.86	5.7	21	010	16	020				
20	94	73	84	0.8	64	68	72	0	19	0547	1851		T			29.82	29.84	4.7	19	350	15	340				
21	94	69*	82	-1.1	72	70	73	0	17	0547	1850		0.00			29.83	29.84	4.1	22	200	17	210				
22	92	70	81	-2.1	78	72	74	0	16	0548	1849	TS RA FG BR	0.33			29.86	29.88	3.7	25	030	20	030				
23	95	73	84	1.0	71	72	76	0	19	0549	1848	RA	0.00			29.91	29.93	6.1	25	080	16	070				
24	95	76	86	3.1	68	72	76	0	21	0549	1847		0.00			29.91	29.92	8.3	25	020	16	020				
25	92	76	84	1.2	81	75	77	0	19	0550	1846	RA BR	0.07			29.83	29.86	9.8	24	040	17	060				
26	90	76	83	0.2	88	77	78	0	18	0550	1845	TS RA BR	0.55			29.63	29.73	17.8	61	350	44	350				
27	92	75	84	1.3	81	76	78	0	19	0551	1843	RA BR	0.41			29.75	29.72	13.1	73	330	48	330				
28	85	74	80	-2.6	95	77	78	0	15	0551	1842	TS RA BR	1.36			29.85	29.84	6.2	36	200	24	230				
29	91	76	84	1.6	88	79	80	0	19	0552	1841	RA BR	T			29.84	29.86	5.0	22	230	14	230				
30	92	76	84	1.7	89	79	80	0	19	0552	1840	TS RA BR	0.10			29.78	29.81	5.6	20	210	14	210				
31	92	80	86	3.8	85	80	81	0	21	0553	1839	BR	0.00			29.83	29.84	9.1	25	180	17	180				
	93.0	74.3	83.7										4.60			29.90	29.92	6.0								
<b>Monthly Averages   Totals</b>																										
<b>Departure from Normal (1981-2010)</b>													-0.78													
<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>&gt;=0.01"</b>		<b>&gt;=0.1"</b>	<b>&gt;=1"</b>		<b>T-Storms</b>		<b>Heavy Fog</b>					
Heating		0			0			0			>=90°		<=32°		<=32°		<=0°	13		9						
Cooling		577			16			2345			28		0		0		0									
<b>Date of 5-sec to 3-sec wind equipment change</b>								<b>Sea Level Pressure</b>					<b>Greatest...</b>													
2007-06-20								<b>Maximum</b>			30.13		<b>Date</b>		09		<b>Time</b>		1016		<b>24-Hr...</b>			<b>Snow Depth</b>		
								<b>Minimum</b>			29.19		<b>Date</b>		27		0053		<b>Precip</b>			<b>Snowfall</b>				
																				1.36			<b>Date</b>			
															28-28											
<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 2020**

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

Generated on 06/05/2021

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)	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)
						AU   AW   MW	(F)	(C)	(F)	(C)	(F)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
27	0031	7	FEW:02 15 BKN:07 42 BKN:07 85	2.50	-RA:02 BR:1  RA  RA	76	24.4	75	23.9	75	23.9	97	41	330	64	29.18				FM-16	0.08	29.20
27	0039	7	FEW:02 16 BKN:07 85 OVC:08 110	5.00	-RA:02 BR:1  RA  RA	76	24.4			75	23.9	97	48	330	72				FM-16	0.09		
27	0053	7	FEW:02 16 BKN:07 90 BKN:07 120	7.00	-RA:02  RA  RA	76	24.4			75	23.9	97	39	330	66				FM-15	0.08		
27	0153	7	FEW:02 20 SCT:04 46 BKN:07 80	5.00	RA:02 BR:1  RA  RA	76	24.4			74	23.3	94	31	310	63				FM-15	0.06		
27	0244	7	BKN:07 21 BKN:07 55 OVC:08 80	4.00	RA:02 BR:1  RA  RA	76	24.4	75	23.9	74	23.3	94	25	280	44	29.34			FM-16	0.10	29.36	
27	0251	6	BKN:07 18 BKN:07 24 OVC:08 40	2.00	+RA:02 BR:1  RA  RA	75	23.9	74	23.3	73	22.8	94	25	270	44	29.36			FM-16		29.38	
27	0253	7	SCT:04 18 BKN:07 22 OVC:08 40	2.00	+RA:02 BR:1  RA  RA	75	23.9	74	23.3	74	23.3	96	22	270	43	29.36	3	-0.11	29.37	FM-15	0.19	29.38
27	0306	7	BKN:07 14 BKN:07 22 OVC:08 31	3.00	+RA:02 BR:1  RA  RA	75	23.9	74	23.3	74	23.3	96	22	270	39	29.39			FM-16	0.07	29.41	
27	0323	7	SCT:04 14 BKN:07 23 OVC:08 30	7.00	-RA:02  RA  RA	75	23.9	74	23.3	74	23.3	96	23	260	38	29.41			FM-16	0.12	29.43	
27	0353	7	OVC:08 25	10.00		76	24.4	74	23.3	73	22.8	91	22	260	39	29.47		29.49	FM-15	0.08	29.49	
27	0412	7	SCT:04 27 BKN:07 35 OVC:08 55	10.00		76	24.4	74	23.3	73	22.8	91	17	260	33	29.51			FM-16		29.53	
27	0453	7	BKN:07 35 BKN:07 100	10.00		77	25.0	74	23.3	72	22.2	85	18	240	29	29.55		29.57	FM-15	0.00	29.57	
27	0553	7	SCT:04 39	10.00		77	25.0	74	23.3	73	22.8	88	17	230	25	29.62	1	-0.26	29.63	FM-15	0.00	29.64
27	0600	4	41	9.94		77	25.0	74	23.3	73	22.8	88	17	230		29.62	1	-0.26	29.63	FM-12		
27	0653	7	FEW:02 44	10.00		77	25.0	75	23.9	74	23.3	90	15	240	26	29.68		29.70	FM-15	0.00	29.70	
27	0753	7	CLR:00	10.00		79	26.1	76	24.4	75	23.9	88	13	240		29.73		29.75	FM-15	0.00	29.75	
27	0853	7	BKN:07 120	10.00		81	27.2	76	24.4	74	23.3	79	11	250	23	29.75	1	-0.14	29.77	FM-15	0.00	29.77
27	0953	7	FEW:02 33	10.00		86	30.0	78	25.6	74	23.3	67	9	240		29.78		29.80	FM-15	0.00	29.80	
27	1053	7	FEW:02 37	10.00		88	31.1	78	25.6	74	23.3	63	13	270		29.80		29.81	FM-15	0.00	29.82	
27	1153	7	SCT:04 36	10.00		88	31.1	79	26.1	75	23.9	66	9	240		29.78	0	-0.03	29.80	FM-15	0.00	29.80
27	1200	4	41	9.94		88	31.1	79	26.1	75	23.9	66	9	240		29.78	9	+0.03	29.80	FM-12		
27	1253	7	SCT:04 40	10.00		88	31.1	79	26.1	75	23.9	66	6	240		29.77		29.79	FM-15	0.00	29.79	
27	1353	7	CLR:00	10.00		92	33.3	80	26.7	75	23.9	58	10	230		29.76		29.78	FM-15	0.00	29.78	
27	1453	7	SCT:04 49	10.00		92	33.3	79	26.1	74	23.3	56	13	220		29.75	8	+0.04	29.76	FM-15	0.00	29.77
27	1553	7	CLR:00	10.00		90	32.2	81	27.2	77	25.0	66	11	210	20	29.74		29.75	FM-15	0.00	29.76	
27	1653	7	CLR:00	10.00		89	31.7	80	26.7	77	25.0	68	10	200		29.74		29.76	FM-15	0.00	29.76	
27	1753	7	CLR:00	10.00		86	30.0	80	26.7	78	25.6	77	9	190		29.75	3	0.00	29.77	FM-15	0.00	29.77
27	1800	4		9.94		86	30.0	80	26.7	78	25.6	77	9	190		29.75	3	0.00	29.77	FM-12		
27	1853	7	CLR:00	10.00		82	27.8	79	26.1	78	25.6	88	6	180		29.77		29.78	FM-15	0.00	29.79	
27	1953	7	CLR:00	10.00		81	27.2	80	26.7	79	26.1	94	5	170		29.78		29.80	FM-15	0.00	29.80	

27	2053	7	CLR:00	10.00		81	27.2	80	26.7	80	26.7	97	8	180		29.80	1	-0.05	29.82	FM-15	0.00	29.82
27	2153	7	CLR:00	10.00		81	27.2	80	26.7	80	26.7	97	7	190		29.82			29.83	FM-15	0.00	29.84
27	2253	7	CLR:00	10.00		80	26.7	79	26.1	79	26.1	97	6	190		29.83			29.85	FM-15	0.00	29.85
27	2353	7	CLR:00	10.00		80	26.7	79	26.1	79	26.1	97	3	190		29.83	1	-0.03	29.85	FM-15	0.00	29.85

**Local Climatological Data**  
**Hourly Remarks**  
**August 2020**

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)	Remarks
27	0031	MET13708/27/20 00:31:02 SPECI KBPT 270631Z 33036G56KT 2 1/2SM -RA BR FEW015 BKN042 BKN085 24/24 A2920 RMK AO2 PK WND 34060/0603 P0008 T02440239
27	0039	MET13308/27/20 00:39:02 SPECI KBPT 270639Z 33042G63KT 5SM -RA BR FEW016 BKN085 OVC110 24/24 A2919 RMK AO2 PK WND 33063/0638 P0009 T02440239
27	0053	MET13708/27/20 00:53:02 METAR KBPT 270653Z 33034G57KT 7SM -RA FEW016 BKN090 BKN120 24/24 A2920 RMK AO2 PK WND 33063/0638 SLP886 P0011 T02440239
27	0153	MET14608/27/20 01:53:02 METAR KBPT 270753Z 31027G55KT 5SM RA BR FEW020 SCT046 BKN080 24/23 A2925 RMK AO2 PK WND 33063/0657 PRESRR SLP903 P0005 T02440233
27	0244	MET14108/27/20 02:44:02 SPECI KBPT 270844Z 28022G38KT 4SM RA BR BKN021 BKN055 OVC080 24/23 A2936 RMK AO2 PK WND 32055/0807 PRESRR P0010 T02440233 \$
27	0251	MET13708/27/20 02:51:02 SPECI KBPT 270851Z 27022G38KT 2SM +RA BR BKN018 BKN024 OVC040 24/23 A2938 RMK AO2 PK WND 32055/0807 PRESRR P0014 \$ FIBI
27	0253	MET15408/27/20 02:53:02 METAR KBPT 270853Z 27019G37KT 2SM +RA BR SCT018 BKN022 OVC040 24/23 A2938 RMK AO2 PK WND 32055/0807 SLP947 P0015 60031 T02390233 53037 \$
27	0306	MET14208/27/20 03:06:02 SPECI KBPT 270906Z 27019G34KT 3SM +RA BR BKN014 BKN022 OVC031 24/23 A2941 RMK AO2 PK WND 27034/0859 PRESRR P0007 T02390233 \$
27	0323	MET13208/27/20 03:23:02 SPECI KBPT 270923Z 26020G33KT 7SM -RA SCT014 BKN023 OVC030 24/23 A2943 RMK AO2 PK WND 27034/0859 P0012 T02390233 \$
27	0353	MET13508/27/20 03:53:02 METAR KBPT 270953Z 26019G34KT 10SM OVC025 24/23 A2949 RMK AO2 PK WND 25035/0937 RAE50 PRESRR SLP986 P0013 T02440228 \$
27	0412	MET13008/27/20 04:12:02 SPECI KBPT 271012Z 26015G29KT 10SM SCT027 BKN035 OVC055 24/23 A2953 RMK AO2 PK WND 26037/0958 PRESRR T02440228 \$
27	0453	MET12308/27/20 04:53:02 METAR KBPT 271053Z 24016G25KT 10SM BKN035 BKN100 25/22 A2957 RMK AO2 PK WND 26037/0958 SLP012 T02500222 \$
27	0553	MET12808/27/20 05:53:02 METAR KBPT 271153Z 23015G22KT 10SM SCT039 25/23 A2964 RMK AO2 SLP035 60044 70096 T02500228 10250 20239 51088 \$
27	0600	SYN09872241 15666 42315 10250 20228 30031 40035 51088 60111 91153 333 10322 20239 70244 91022 555 92712=
27	0653	MET09808/27/20 06:53:02 METAR KBPT 271253Z 24013G23KT 10SM FEW044 25/23 A2970 RMK AO2 SLP057 T02500233 \$
27	0753	MET09208/27/20 07:53:02 METAR KBPT 271353Z 24011KT 10SM CLR 26/24 A2975 RMK AO2 SLP073 T02610239 \$
27	0853	MET10408/27/20 08:53:02 METAR KBPT 271453Z 25010G20KT 10SM BKN120 27/23 A2977 RMK AO2 SLP082 T02720233 51046 \$
27	0953	MET09508/27/20 09:53:02 METAR KBPT 271553Z 24008KT 10SM FEW033 30/23 A2980 RMK AO2 SLP091 T03000233 \$
27	1053	MET09508/27/20 10:53:02 METAR KBPT 271653Z 27011KT 10SM FEW037 31/23 A2982 RMK AO2 SLP096 T03110233 \$
27	1153	MET11108/27/20 11:53:02 METAR KBPT 271753Z 24008KT 10SM SCT036 31/24 A2980 RMK AO2 SLP092 T03110239 10311 20250 50010
27	1200	SYN08072241 35666 42408 10311 20239 30085 40092 50010 91753 333 10311 20250 555 92718=
27	1253	MET09308/27/20 12:53:02 METAR KBPT 271853Z 24005KT 10SM SCT040 31/24 A2979 RMK AO2 SLP088 T03110239
27	1353	MET09008/27/20 13:53:02 METAR KBPT 271953Z 23009KT 10SM CLR 33/24 A2978 RMK AO2 SLP084 T03330239
27	1453	MET09908/27/20 14:53:02 METAR KBPT 272053Z 22011KT 10SM SCT049 33/23 A2977 RMK AO2 SLP079 T03330233 58013
27	1553	MET09308/27/20 15:53:02 METAR KBPT 272153Z 21010G17KT 10SM CLR 32/25 A2976 RMK AO2 SLP076 T03220250
27	1653	MET09008/27/20 16:53:02 METAR KBPT 272253Z 20009KT 10SM CLR 32/25 A2976 RMK AO2 SLP078 T03170250
27	1753	MET10808/27/20 17:53:02 METAR KBPT 272353Z 19008KT 10SM CLR 30/26 A2977 RMK AO2 SLP080 T03000256 10333 20300 53001
27	1800	SYN08072241 35966 01908 10300 20256 30075 40080 53001 92353 333 10333 20239 555 92800=
27	1853	MET09208/27/20 18:53:01 METAR KBPT 280053Z 18005KT 10SM CLR 28/26 A2979 RMK AO2 SLP086 T02780256 \$
27	1953	MET09208/27/20 19:53:01 METAR KBPT 280153Z 17004KT 10SM CLR 27/26 A2980 RMK AO2 SLP091 T02720261 \$
27	2053	MET09808/27/20 20:53:01 METAR KBPT 280253Z 18007KT 10SM CLR 27/27 A2982 RMK AO2 SLP097 T02720267 51017 \$
27	2153	MET09208/27/20 21:53:01 METAR KBPT 280353Z 19006KT 10SM CLR 27/27 A2984 RMK AO2 SLP103 T02720267 \$
27	2253	MET09208/27/20 22:53:01 METAR KBPT 280453Z 19005KT 10SM CLR 27/26 A2985 RMK AO2 SLP107 T02670261 \$
27	2353	MET12008/27/20 23:53:01 METAR KBPT 280553Z 19003KT 10SM CLR 27/26 A2985 RMK AO2 SLP108 T02670261 10300 20267 403330239 51011 \$

**Local Climatological Data**  
**Hourly Precipitation**  
**August 2020**

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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					0.02	0.01	T	0.03	0.01				T	T											01		
02																									02		
03																									03		
04											M						0.19	T							04		
05																		0.29s	0.18						05		
06				T																					06		
07																							T	T	07		
08											T	0.12s	T									T	T		08		
09											T	T	0.01												09		
10																									10		
11											T	0.01	T												11		
12											T	T				T	T								12		
13																									13		
14																									14		
15																							T		15		
16																									16		
17			0.80s	0.10	0.01																				17		
18																									18		
19																									19		
20																							T	T	20		
21																									21		
22													0.31s	0.02									T	T	T	22	
23																									23		
24																									24		
25																	T	0.01	0.05	0.01					25		
26													0.03	0.10	0.03	T							T	0.10	0.10	0.19	26
27	0.08	0.06	0.19	0.08																						27	
28					0.32	0.02	T	T	0.25	0.01	0.01	T	0.07	0.01	T	0.63	0.02	0.01	0.01							28	
29												T														29	
30									0.08s	0.02		T	T										T	T		30	
31																										31	

Maximum Short Duration Precipitation												
Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)	0.24	0.45	0.63	0.75	0.87	0.90	0.90	0.90	0.90	0.90	0.91	0.91
Ending Date Time (yyyy-mm-dd hh:mi)	2020-08-17 02:52	2020-08-17 02:51	2020-08-17 02:53	2020-08-17 02:58	2020-08-17 03:06	2020-08-17 03:11	2020-08-17 03:11	2020-08-17 03:11	2020-08-17 03:11	2020-08-17 03:11	2020-08-17 04:37	2020-08-17 04:37

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