

U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information Service  
Current Location: Elev: 12 ft. Lat: 42.3606° N Lon: -71.0097° W  
Station: **BOSTON, MA US WBAN: 72509014739 (KBOS)**

# Local Climatological Data Daily Summary April 2019

Generated on 04/15/2019

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

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	47	37	42	-0.7				23	0	0527	1810		0.00	0.0		29.96		16.0	37s	280s	28	290					
02	53	30*	42	-1.0				23	0	0525	1811	RA	0.05	0.0		30.35		10.4	26	160	22	180					
03	65	40	53	9.6				12	0	0524	1812	RA BR	0.40	0.0		29.89		18.2	56	280	38	270					
04	53	38	46	2.3				19	0	0522	1813		0.00	0.0		30.20		17.7	40	300	29	290					
05	46	35	41	-3.1				24	0	0520	1814	RA SN	0.13	T		30.42		10.4	22	280	18	110					
06	67	37	52	7.6				13	0	0519	1815	RA DZ BR	0.09	0.0		30.14		7.4	24	320	18	320					
07	69*	43	56	11.2				9	0	0517	1816		0.00	0.0		30.15		8.3	24	230	18	200					
08	54	37	46	0.9				19	0	0515	1818	RA DZ BR	0.31	0.0		29.91		11.7	31	050	25	050					
09	41	36	39	-6.5				26	0	0513	1819	RA DZ BR	0.06	0.0		29.72		9.8	23	120	20	120					
10	47	36	42	-3.8				23	0	0512	1820	RA	0.01	0.0		29.75		13.6	31	320	25	330					
11	52	35	44	-2.2				21	0	0510	1821		0.00			30.17		9.8	24	320	18	330					
										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															
Heating									>=90°			<=32°		<=32°		<=0°		>=0.01"		>=0.1"		>=1"		T-Storms		Heavy Fog	
Cooling																											
Date of 5-sec to 3-sec wind equipment change								Sea Level Pressure						Greatest...													
N/A								Maximum				Date		Time		24-Hr...				Snow Depth							
								Minimum								Precip		Snowfall									
														Date													
Station Augmentation																											
Name:N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A																											

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Local Climatological Data  
Hourly Observations  
April 2019  
Generated on 04/15/2019

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

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)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
03	0044	7	FEW:02 16 SCT:04 28 OVC:08 34	6.00	-RA:02 BR:1  RA  RA	41	5.0	39	3.9	37	2.8	86	11	020		30.08				FM-16	0.05	30.11
03	0054	7	SCT:04 16 SCT:04 23 OVC:08 32	5.00	-RA:02 BR:1  RA  RA	41	5.0	39	3.9	37	2.8	86	11	020		30.07	8	+0.10	30.10	FM-15	0.06	30.10
03	0100	4	15	4.97	RA	41	5.0	39	3.9	37	2.8	86	11	020		30.08	8	+0.10	30.10	FM-12		
03	0110	7	BKN:07 18 BKN:07 23 OVC:08 30	7.00	-RA:02  RA  RA	41	5.0	39	3.9	37	2.8	86	10	010		30.05				FM-16	T	30.08
03	0137	7	OVC:08 12	6.00	-RA:02 BR:1  RA  RA	41	5.0	39	3.9	37	2.8	86	13	010		30.03				FM-16	0.02	30.06
03	0154	7	BKN:07 9 OVC:08 12	6.00	-RA:02 BR:1  RA  RA	41	5.0	39	3.9	37	2.8	86	13	020		30.01			30.03	FM-15	0.03	30.04
03	0254	7	BKN:07 9 OVC:08 14	6.00	-RA:02 BR:1  RA  RA	40	4.4	39	3.9	37	2.8	89	17	010		29.97			29.99	FM-15	0.05	30.00
03	0354	7	OVC:08 8	5.00	RA:02 BR:1  RA  RA	40	4.4	39	3.9	37	2.8	89	17	010		29.93	6	+0.14	29.96	FM-15	0.11	29.96
03	0400	4	8	4.97	RA	40	4.4	39	3.9	37	2.8	89	17	010		29.94	6	+0.14	29.96	FM-12		
03	0454	7	OVC:08 9	8.00	-RA:02  RA  RA	40	4.4	38	3.3	36	2.2	86	17	360		29.91			29.93	FM-15	0.09	29.94
03	0545	7	OVC:08 10	10.00	-RA:02  RA  RA	40	4.4	38	3.3	36	2.2	86	16	360	26	29.87				FM-16	0.06	29.90
03	0554	6	OVC:08 10	10.00	-RA:02  RA  RA	40	4.4	38	3.3	36	2.2	86	17	360		29.88			29.90	FM-15	0.05	29.91
03	0611	7	OVC:08 9	10.00	-RA:02  RA  RA	40	4.4	38	3.3	36	2.2	86	18	360	28	29.87				FM-16	0.01	29.90
03	0654	7	OVC:08 9	10.00		40	4.4	38	3.3	36	2.2	86	18	350	24	29.87	6	+0.06	29.90	FM-15	0.01	29.90
03	0700	4	8	9.94		40	4.4	38	3.3	36	2.2	86	18	350		29.88	6	+0.06	29.90	FM-12		
03	0754	7	OVC:08 9	10.00		40	4.4	38	3.3	36	2.2	86	14	340		29.85			29.88	FM-15	0.00	29.88
03	0801	7	OVC:08 10	10.00		40	4.4	38	3.3	36	2.2	86	15	340		29.86				FM-16		29.89
03	0854	7	OVC:08 11	10.00		41	5.0	39	3.9	36	2.2	82	18	340	24	29.85			29.88	FM-15	0.00	29.88
03	0952	6	SCT:04 14 BKN:07 250	10.00		45	7.2	41	5.0	37	2.8	76	13	340	22	29.82				FM-16		29.85
03	0954	7	SCT:04 14 BKN:07 250	10.00		45	7.2	41	5.0	37	2.8	74	15	340	22	29.82	8	+0.05	29.85	FM-15	0.00	29.85
03	1000	4	15	9.94		45	7.2	41	5.0	37	2.8	74	15	340		29.83	8	+0.05	29.85	FM-12		
03	1054	7	FEW:02 19 SCT:04 250	10.00		49	9.4	43	6.1	36	2.2	61	13	300		29.81			29.84	FM-15	0.00	29.84
03	1154	7	FEW:02 25 FEW:02 250	10.00		52	11.1	44	6.7	35	1.7	53	8	270	18	29.79			29.81	FM-15	0.00	29.82
03	1254	7	FEW:02 30 FEW:02 220	10.00		57	13.9	47	8.3	35	1.7	44	7	260		29.76	8	+0.06	29.79	FM-15	0.00	29.79
03	1300	4	26	9.94		57	13.9	47	8.3	35	1.7	44	7	260		29.77	8	+0.06	29.79	FM-12		
03	1343	7	FEW:02 31 SCT:04 70 SCT:04 220	10.00		62	16.7	47	8.3	29	-1.7	29	22	270	31	29.72				FM-16		29.75
03	1354	7	FEW:02 31 SCT:04 75 SCT:04 220	10.00		62	16.7	47	8.3	29	-1.7	29	20	260	33	29.73			29.75	FM-15	0.00	29.76
03	1454	7	BKN:07 85	10.00		65	18.3	48	8.9	26	-3.3	23	22	260	37	29.71			29.74	FM-15	0.00	29.74
03	1554	7	SCT:04 95	10.00		64	17.8	47	8.3	24	-4.4	22	21	300	30	29.73	5	+0.04	29.75	FM-15	0.00	29.76
03	1600	4		9.94		64	17.8	47	8.3	24	-4.4	22	21	300		29.74	5	+0.04	29.75	FM-12		
03	1654	7	SCT:04 95	10.00		63	17.2	46	7.8	22	-5.6	21	21	300	39	29.76			29.79	FM-15	0.00	29.79
03	1754	6	FEW:02 95	10.00		58	14.4	44	6.7	25	-3.9	28	18	300	38	29.83			29.85	FM-15	0.00	29.86
03	1854	7	FEW:02 75	10.00		54	12.2	41	5.0	22	-5.6	29	21	290	33	29.88	3	-0.15	29.91	FM-15	0.00	29.91
03	1900	4	74	9.94		54	12.2	41	5.0	22	-5.6	29	21	290		29.89	3	-0.15	29.91	FM-12		

03	1954	7	CLR:00	10.00		51	10.6	40	4.4	22	-5.6	32	25	290	31	29.94			29.96	FM-15	0.00	29.97
03	2054	7	CLR:00	10.00		49	9.4	38	3.3	20	-6.7	32	31	290	40	29.98			30.01	FM-15	0.00	30.01
03	2154	7	FEW:02 40	10.00		48	8.9	37	2.8	19	-7.2	32	28	270	47	30.02	1	-0.14	30.04	FM-15	0.00	30.05
03	2200	4	41	9.94		48	8.9	37	2.8	19	-7.2	32	28	270		30.03	1	-0.14	30.04	FM-12		
03	2254	7	CLR:00	10.00		45	7.2	34	1.1	12	-11.1	26	24	280	37	30.05			30.08	FM-15	0.00	30.08
03	2354	7	CLR:00	10.00		44	6.7	33	0.6	11	-11.7	26	20	280	38	30.08			30.11	FM-15	0.00	30.11

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**Local Climatological Data**  
**Hourly Remarks**  
**April 2019**  
Generated on 04/15/2019

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151 Patton Avenue  
Asheville, North Carolina 28801

Date	Time (LST)	Remarks
03	0044	MET12404/03/19 00:44:02 SPECI KBOS 030544Z 02010KT 6SM -RA BR FEW016 SCT028 OVC034 05/03 A3011 RMK AO2 PRESFR P0005 T00500028 (FA)
03	0054	MET15504/03/19 00:54:02 METAR KBOS 030554Z 02010KT 5SM -RA BR SCT016 SCT023 OVC032 05/03 A3010 RMK AO2 PRESFR SLP192 P0006 60011 T00500028 10072 20050 58035 (FA)
03	0100	SYN09872509 11458 80210 10050 20028 30185 40192 58035 60031 761// 90554 333 10072 21010 96010 555 90306=
03	0110	MET11404/03/19 01:10:02 SPECI KBOS 030610Z 01009KT 7SM -RA BKN018 BKN023 OVC030 05/03 A3008 RMK AO2 P0000 T00500028 (FA)
03	0137	MET10304/03/19 01:37:02 SPECI KBOS 030637Z 01011KT 6SM -RA BR OVC012 05/03 A3006 RMK AO2 P0002 T00500028 (FA)
03	0154	MET11704/03/19 01:54:02 METAR KBOS 030654Z 02011KT 6SM -RA BR BKN009 OVC012 05/03 A3004 RMK AO2 SLP171 P0003 T00500028 (FA)
03	0254	MET11704/03/19 02:54:02 METAR KBOS 030754Z 01015KT 6SM -RA BR BKN009 OVC014 04/03 A3000 RMK AO2 SLP157 P0005 T00440028 (FA)
03	0354	MET12804/03/19 03:54:02 METAR KBOS 030854Z 01015KT 5SM RA BR OVC008 04/03 A2996 RMK AO2 PRESFR SLP144 P0010 60018 T00440028 56049 (FA)
03	0400	SYN08672509 11358 80115 10044 20028 30138 40144 56049 60057 763// 90854 333 96010 555 90309=
03	0454	MET10704/03/19 04:54:02 METAR KBOS 030954Z 36015KT 8SM -RA OVC009 04/02 A2994 RMK AO2 SLP136 P0009 T00440022 (DH)
03	0545	MET10404/03/19 05:45:02 SPECI KBOS 031045Z 36014G23KT 10SM -RA OVC010 04/02 A2990 RMK AO2 P0006 T00440022 (DH)
03	0554	MET10804/03/19 05:54:02 METAR KBOS 031054Z 36015KT 10SM -RA OVC010 04/02 A2991 RMK AO2 SLP126 P0006 T00440022 (DH)
03	0611	MET10404/03/19 06:11:02 SPECI KBOS 031111Z 36016G24KT 10SM -RA OVC009 04/02 A2990 RMK AO2 P0001 T00440022 (DH)
03	0654	MET16104/03/19 06:54:02 METAR KBOS 031154Z 35016G21KT 10SM OVC009 04/02 A2990 RMK AO2 PK WND 36026/1137 RAE32 SLP124 P0001 60034 70045 T00440022 10050 20044 56020 (DH)
03	0700	SYN09872509 12366 83516 10044 20022 30118 40124 56020 60091 91154 333 10117 20044 70114 91021 555 90312=
03	0754	MET09804/03/19 07:54:02 METAR KBOS 031254Z 34012KT 10SM OVC009 04/02 A2988 RMK AO2 SLP118 T00440022 (DH)
03	0801	MET09104/03/19 08:01:02 SPECI KBOS 031301Z 34013KT 10SM OVC010 04/02 A2989 RMK AO2 T00440022 (DH)
03	0854	MET10104/03/19 08:54:02 METAR KBOS 031354Z 34016G21KT 10SM OVC011 05/02 A2988 RMK AO2 SLP117 T00500022 (DH)
03	0952	MET09604/03/19 09:52:02 SPECI KBOS 031452Z 34011G19KT 10SM SCT014 BKN250 07/03 A2985 RMK AO2 FIBI (DH)
03	0954	MET11404/03/19 09:54:02 METAR KBOS 031454Z 34013G19KT 10SM SCT014 BKN250 07/03 A2985 RMK AO2 SLP108 T00720028 58016 (DH)
03	1000	SYN07472509 32466 63413 10072 20028 30101 40108 58016 91454 333 91019 555 90315=
03	1054	MET10504/03/19 10:54:02 METAR KBOS 031554Z 30011KT 10SM FEW019 SCT250 09/02 A2984 RMK AO2 SLP104 T00940022 (DH)
03	1154	MET10804/03/19 11:54:02 METAR KBOS 031654Z 27007G16KT 10SM FEW025 FEW250 11/02 A2982 RMK AO2 SLP096 T01110017 (DH)
03	1254	MET12404/03/19 12:54:02 METAR KBOS 031754Z 26006KT 10SM FEW030 FEW220 14/02 A2979 RMK AO2 SLP088 T01390017 10139 20044 58021 (HGC)
03	1300	SYN08072509 32566 22606 10139 20017 30080 40088 58021 91754 333 10139 20044 555 90318=
03	1343	MET13904/03/19 13:43:02 SPECI KBOS 031843Z 27019G27KT 10SM FEW031 SCT070 SCT220 17/M02 A2975 RMK AO2 PK WND 29027/1842 WSHFT 1823 T01671017 (HGC)
03	1354	MET14604/03/19 13:54:02 METAR KBOS 031854Z 26017G29KT 10SM FEW031 SCT075 SCT220 17/M02 A2976 RMK AO2 PK WND 28029/1847 WSHFT 1823 SLP075 T01671017 (HGC)
03	1454	MET12104/03/19 14:54:02 METAR KBOS 031954Z 26019G32KT 10SM BKN085 18/M03 A2974 RMK AO2 PK WND 26032/1954 SLP071 T01831033 (HGC)
03	1554	MET12704/03/19 15:54:02 METAR KBOS 032054Z 30018G26KT 10SM SCT095 18/M04 A2976 RMK AO2 PK WND 28032/1955 SLP076 T01781044 55012 (HGC)
03	1600	SYN07472509 32966 43018 10178 21044 30070 40076 55012 92054 333 91026 555 90321=
03	1654	MET12104/03/19 16:54:02 METAR KBOS 032154Z 30018G34KT 10SM SCT095 17/M06 A2979 RMK AO2 PK WND 25039/2143 SLP087 T01721056 (HGC)
03	1754	MET12104/03/19 17:54:02 METAR KBOS 032254Z 30016G33KT 10SM FEW095 14/M04 A2986 RMK AO2 PK WND 27039/2202 SLP109 T01441039 (HGC)
03	1854	MET13904/03/19 18:54:02 METAR KBOS 032354Z 29018G29KT 10SM FEW075 12/M06 A2991 RMK AO2 PK WND 29031/2327 SLP127 T01221056 10183 20122 53051 (HGC)
03	1900	SYN08672509 32866 22918 10122 21056 30121 40127 53051 92354 333 10183 20044 91029 555 90400=
03	1954	MET11204/03/19 19:54:01 METAR KBOS 040054Z 29022G27KT 10SM CLR 11/M06 A2997 RMK AO2 PK WND 29033/0018 SLP147 T01061056
03	2054	MET11204/03/19 20:54:01 METAR KBOS 040154Z 29027G35KT 10SM CLR 09/M07 A3001 RMK AO2 PK WND 29036/0101 SLP161 T00941067
03	2154	MET12104/03/19 21:54:01 METAR KBOS 040254Z 27024G41KT 10SM FEW040 09/M07 A3005 RMK AO2 PK WND 29041/0244 SLP174 T00891072 51047
03	2200	SYN07472509 32666 22724 10089 21072 30168 40174 51047 90254 333 91041 555 90403=
03	2254	MET11204/03/19 22:54:02 METAR KBOS 040354Z 28021G32KT 10SM CLR 07/M11 A3008 RMK AO2 PK WND 28049/0315 SLP187 T00721111
03	2354	MET12204/03/19 23:54:02 METAR KBOS 040454Z 28017G33KT 10SM CLR 07/M12 A3011 RMK AO2 PK WND 29037/0422 SLP197 T00671117 401830044

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Hourly Precipitation  
April 2019

Generated on 04/15/2019

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151 Patton Avenue  
Asheville, North Carolina 28801

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																									01	
02																							T	0.05	02	
03	0.06	0.03	0.05	0.11	0.09	0.05	0.01																		03	
04																									04	
05																				T	0.03	0.03	0.02	0.05	05	
06	0.02	0.02	0.04	0.01	T	T	T																		06	
07																									07	
08			T	0.02s	0.01	0.04	0.06	0.10	0.02	0.02	0.02	0.01	0.01	T											08	
09							T											0.02	0.04						09	
10					0.01	T	T																		10	
11																									11	
12	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	12	
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