

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				
																				Direction = Degrees					
	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	
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
08	0054	7	SCT:04 80 OVC:08 110	10.00		53	11.7	47	8.3	41	5.0	64	5	170		30.06	8	+0.04	30.09	FM-15	0.00	30.09
08	0100	4	74	9.94		53	11.7	47	8.3	41	5.0	64	5	170		30.07	8	+0.04	30.09	FM-12		
08	0154	7	SCT:04 70 OVC:08 90	10.00		50	10.0	46	7.8	42	5.6	74	5	100		30.06			30.08	FM-15	0.00	30.09
08	0254	7	OVC:08 70	10.00	-RA:02 RA RA	50	10.0	47	8.3	43	6.1	77	9	040		30.05			30.08	FM-15	T	30.08
08	0354	7	FEW:02 35 SCT:04 44 OVC:08 65	9.00	-RA:02 RA RA	48	8.9	46	7.8	43	6.1	83	10	020		30.06	5	0.00	30.09	FM-15	0.02s	30.09
08	0400	4	41	8.70	RA	48	8.9	46	7.8	43	6.1	83	10	020		30.07	5	0.00	30.09	FM-12		
08	0454	7	FEW:02 31 BKN:07 60 OVC:08 75	8.00	-RA:02 RA RA	46	7.8	44	6.7	41	5.0	83	21	030		30.04			30.07	FM-15	0.01	30.07
08	0532	7	FEW:02 9 BKN:07 25 OVC:08 55	6.00	-RA:02 BR:1 RA RA	44	6.7	43	6.1	41	5.0	89	18	040		30.04				FM-16	T	30.07
08	0552	6	BKN:07 8 OVC:08 21	4.00	-RA:02 BR:1 RA RA	45	7.2	42	5.6	39	3.9	81	18	050		30.03				FM-16		30.06
08	0554	7	BKN:07 8 OVC:08 21	4.00	RA:02 BR:1 RA RA	44	6.7	42	5.6	40	4.4	85	17	050		30.03			30.06	FM-15	0.04	30.06
08	0654	7	OVC:08 6	3.00	RA:02 BR:1 RA RA	43	6.1	42	5.6	40	4.4	89	16	050		30.02	6	+0.02	30.04	FM-15	0.06	30.05
08	0700	4	5	2.98	RA	43	6.1	42	5.6	40	4.4	89	16	050		30.03	6	+0.02	30.04	FM-12		
08	0741	7	OVC:08 5	2.50	RA:02 BR:1 RA RA	42	5.6	41	5.0	39	3.9	89	24	050		29.98				FM-16	0.11	30.01
08	0752	6	OVC:08 6	3.00	-RA:02 BR:1 RA RA	43	6.1	41	5.0	39	3.9	87	22	050	30	29.97				FM-16		30.00
08	0754	7	OVC:08 6	4.00	-RA:02 BR:1 RA RA	41	5.0	40	4.4	39	3.9	93	22	050	30	29.97			30.00	FM-15	0.10	30.00
08	0852	6	OVC:08 6	2.50	-RA:02 BR:1 RA RA	41	5.0	39	3.9	37	2.8	87	15	040		29.96				FM-16		29.99
08	0854	7	OVC:08 6	2.50	-RA:02 BR:1 RA RA	41	5.0	40	4.4	38	3.3	89	15	040		29.96			29.99	FM-15	0.02	29.99
08	0922	7	OVC:08 6	3.00	-RA:02 BR:1 RA RA	41	5.0	40	4.4	38	3.3	89	15	050		29.95				FM-16	0.01	29.98
08	0954	7	OVC:08 6	3.00	-RA:02 BR:1 RA RA	42	5.6	41	5.0	39	3.9	89	14	050		29.93	8	+0.04	29.96	FM-15	0.02	29.96
08	1000	4	5	2.98	RA	42	5.6	41	5.0	39	3.9	89	14	050		29.94	8	+0.04	29.96	FM-12		
08	1034	7	OVC:08 4	1.50	-RA:02 BR:1 RA RA	42	5.6	41	5.0	40	4.4	92	13	030		29.90				FM-16	0.01	29.93
08	1054	7	OVC:08 4	1.75	-RA:02 BR:1 RA RA	43	6.1	42	5.6	40	4.4	89	13	030		29.88			29.91	FM-15	0.02	29.91
08	1106	7	OVC:08 4	2.50	-RA:02 BR:1 RA RA	43	6.1	42	5.6	41	5.0	93	13	030		29.86				FM-16	T	29.89
08	1116	7	OVC:08 4	3.00	-RA:02 BR:1 RA RA	43	6.1	42	5.6	41	5.0	93	14	030		29.85				FM-16	0.01	29.88
08	1152	6	OVC:08 4	2.50	-RA:02 BR:1 RA RA	45	7.2	43	6.1	41	5.0	87	13	360		29.84				FM-16		29.87
08	1154	7	OVC:08 4	2.50	-RA:02 BR:1 RA RA	44	6.7	43	6.1	42	5.6	93	11	360		29.84			29.87	FM-15	0.01	29.87
08	1236	7	OVC:08 4	1.75	-DZ:01 BR:1 DZ DZ	45	7.2	44	6.7	42	5.6	90	14	010		29.80				FM-16	0.01	29.83
08	1254	7	OVC:08 4	1.75	-DZ:01 BR:1 DZ DZ	45	7.2	44	6.7	43	6.1	93	13	010		29.79	8	+0.09	29.82	FM-15	0.01	29.82
08	1300	4	5	1.74	DZ	45	7.2	44	6.7	43	6.1	93	13	010		29.80	8	+0.09	29.82	FM-12		
08	1337	7	OVC:08 5	2.00	-DZ:01 BR:1 DZ DZ	45	7.2	44	6.7	42	5.6	90	10	350		29.76				FM-16	T	29.79
08	1354	7	OVC:08 5	2.50	BR:1	46	7.8	45	7.2	43	6.1	89	9	330		29.75			29.78	FM-15	T	29.78
08	1442	7	OVC:08 5	3.00	BR:1	44	6.7	43	6.1	41	5.0	89	14	340		29.76				FM-16		29.79
08	1454	7	OVC:08 5	3.00	BR:1	44	6.7	43	6.1	41	5.0	89	14	340		29.74			29.77	FM-15	0.00	29.77
08	1554	7	FEW:02 4 OVC:08 7	6.00	BR:1	43	6.1	41	5.0	39	3.9	86	13	340	23	29.77	5	+0.02	29.79	FM-15	0.00	29.80
08	1600	4	5	5.59		43	6.1	41	5.0	39	3.9	86	13	340		29.78	5	+0.02	29.79	FM-12		
08	1654	7	OVC:08 7	7.00	BR:1	42	5.6	40	4.4	38	3.3	85	16	350		29.76			29.78	FM-15	0.00	29.79
08	1754	7	OVC:08 8	8.00		41	5.0	39	3.9	37	2.8	86	13	330		29.76			29.79	FM-15	0.00	29.79
08	1854	7	OVC:08 8	10.00		40	4.4	38	3.3	36	2.2	86	13	340		29.78	3	-0.01	29.81	FM-15	0.00	29.81

08	1900	4	8	9.94		40	4.4	38	3.3	36	2.2	86	13	340		29.79	3	-0.01	29.81	FM-12		
08	1954	7	OVC:08 7	10.00		39	3.9	37	2.8	35	1.7	86	8	350		29.79			29.81	FM-15	0.00	29.82
08	2054	7	OVC:08 7	10.00		39	3.9	37	2.8	35	1.7	86	8	340		29.80			29.83	FM-15	0.00	29.83
08	2154	7	OVC:08 8	10.00		38	3.3	36	2.2	34	1.1	86	6	360		29.79	0	-0.01	29.82	FM-15	0.00	29.82
08	2200	4	8	9.94		38	3.3	36	2.2	34	1.1	86	6	360		29.80	9	+0.01	29.82	FM-12		
08	2254	6	OVC:08 7	10.00		38	3.3	36	2.2	34	1.1	86	7	340		29.79			29.82	FM-15	0.00	29.82
08	2354	7	OVC:08 6	10.00		37	2.8	35	1.7	33	0.6	86	6	330		29.79			29.81	FM-15	0.00	29.82

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Hourly Remarks
April 2019
Generated on 04/15/2019

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151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Remarks
08	0054	MET12304/08/19 00:54:02 METAR KBOS 080554Z 17004KT 10SM SCT080 OVC110 12/05 A3009 RMK AO2 SLP190 T01170050 10144 20111 58013 (FA)
08	0100	SYN08072509 32866 81704 10117 20050 30182 40190 58013 90554 333 10144 20061 555 90806=
08	0154	MET10504/08/19 01:54:02 METAR KBOS 080654Z 10004KT 10SM SCT070 OVC090 10/06 A3009 RMK AO2 SLP187 T01000056 (FA)
08	0254	MET11404/08/19 02:54:02 METAR KBOS 080754Z 04008KT 10SM -RA OVC070 10/06 A3008 RMK AO2 RAB14 SLP185 P0000 T01000061 (FA)
08	0354	MET13304/08/19 03:54:02 METAR KBOS 080854Z 02009KT 9SM -RA FEW035 SCT044 OVC065 09/06 A3009 RMK AO2 SLP188 P0001 60001 T00890061 55001 (FA)
08	0400	SYN07672509 11664 80209 10089 20061 30182 40188 55001 69937 761// 90854 555 90809=
08	0454	MET12104/08/19 04:54:02 METAR KBOS 080954Z 03018KT 8SM -RA FEW031 BKN060 OVC075 08/05 A3007 RMK AO2 SLP182 P0002 T00780050 (FA)
08	0532	MET11704/08/19 05:32:02 SPECI KBOS 081032Z 04016KT 6SM -RA BR FEW009 BKN025 OVC055 07/05 A3007 RMK AO2 P0000 T00670050 (DH)
08	0552	MET10504/08/19 05:52:02 SPECI KBOS 081052Z 05016KT 4SM -RA BR BKN008 OVC021 07/04 A3006 RMK AO2 P0003 FIBI (DH)
08	0554	MET11604/08/19 05:54:02 METAR KBOS 081054Z 05015KT 4SM RA BR BKN008 OVC021 07/04 A3006 RMK AO2 SLP178 P0003 T00670044 (DH)
08	0654	MET15704/08/19 06:54:02 METAR KBOS 081154Z 05014KT 3SM R04R/6000VP6000FT RA BR OVC006 06/04 A3005 RMK AO2 SLP174 P0005 60011 70011 T00610044 10117 20061 56008 (DH)
08	0700	SYN10472509 11248 80514 10061 20044 30168 40174 56008 60031 763// 91154 333 10206 20061 70028 96010 555 90812=
08	0741	MET12404/08/19 07:41:02 SPECI KBOS 081241Z 05021KT 2 1/2SM R04R/6000VP6000FT RA BR OVC005 06/04 A3001 RMK AO2 P0011 T00560039 (DH)
08	0752	MET11904/08/19 07:52:02 SPECI KBOS 081252Z 05019G26KT 3SM -RA BR OVC006 06/04 A3000 RMK AO2 PK WND 05026/1248 P0012 FIBI (DH)
08	0754	MET13104/08/19 07:54:02 METAR KBOS 081254Z 05019G26KT 4SM -RA BR OVC006 05/04 A3000 RMK AO2 PK WND 05026/1248 SLP159 P0012 T00500039 (DH)
08	0852	MET12004/08/19 08:52:02 SPECI KBOS 081352Z 04013KT 2 1/2SM -RA BR OVC006 05/03 A2999 RMK AO2 PK WND 05027/1313 P0002 FIBI (DH)
08	0854	MET13204/08/19 08:54:02 METAR KBOS 081354Z 04013KT 2 1/2SM -RA BR OVC006 05/03 A2999 RMK AO2 PK WND 05027/1313 SLP155 P0002 T00500033 (DH)
08	0922	MET10304/08/19 09:22:02 SPECI KBOS 081422Z 05013KT 3SM -RA BR OVC006 05/03 A2998 RMK AO2 P0001 T00500033 (DH)
08	0954	MET12204/08/19 09:54:02 METAR KBOS 081454Z 05012KT 3SM -RA BR OVC006 06/04 A2996 RMK AO2 SLP146 P0002 60016 T00560039 58014 (DH)
08	1000	SYN08672509 11248 80512 10056 20039 30138 40146 58014 60047 761// 91454 333 96010 555 90815=
08	1034	MET12504/08/19 10:34:02 SPECI KBOS 081534Z 03011KT 1 1/2SM R04R/4500VP6000FT -RA BR OVC004 06/04 A2993 RMK AO2 P0001 T00560044 (DH)
08	1054	MET12104/08/19 10:54:02 METAR KBOS 081554Z 03011KT 1 3/4SM -RA BR OVC004 06/04 A2991 RMK AO2 PRESFR SLP128 P0002 T00610044 (DH)
08	1106	MET11404/08/19 11:06:02 SPECI KBOS 081606Z 03011KT 2 1/2SM -RA BR OVC004 06/05 A2989 RMK AO2 PRESFR P0000 T00610050 (DH)
08	1116	MET10304/08/19 11:16:02 SPECI KBOS 081616Z 03012KT 3SM -RA BR OVC004 06/05 A2988 RMK AO2 P0001 T00610050 (DH)
08	1152	MET10204/08/19 11:52:02 SPECI KBOS 081652Z 36011KT 2 1/2SM -RA BR OVC004 07/05 A2987 RMK AO2 P0001 FIBI (DH)
08	1154	MET11404/08/19 11:54:02 METAR KBOS 081654Z 36010KT 2 1/2SM -RA BR OVC004 07/06 A2987 RMK AO2 SLP115 P0001 T00670056 (DH)
08	1236	MET11804/08/19 12:36:02 SPECI KBOS 081736Z 01012KT 1 3/4SM -DZ BR OVC004 07/06 A2983 RMK AO2 RAE30DZB30 P0001 T00720056 (DH)
08	1254	MET15004/08/19 12:54:02 METAR KBOS 081754Z 01011KT 1 3/4SM -DZ BR OVC004 07/06 A2982 RMK AO2 RAE30DZB30 SLP097 P0001 60020 T00720061 10072 20050 58031 (HGC)
08	1300	SYN09872509 11228 80111 10072 20061 30091 40097 58031 60051 751// 91754 333 10117 20050 96010 555 90818=
08	1337	MET10404/08/19 13:37:02 SPECI KBOS 081837Z 35009KT 2SM -DZ BR OVC005 07/06 A2979 RMK AO2 P0000 T00720056 (HGC)
08	1354	MET11704/08/19 13:54:02 METAR KBOS 081854Z 33008KT 2 1/2SM BR OVC005 08/06 A2978 RMK AO2 DZE52 SLP085 P0000 T00780061 (HGC)
08	1442	MET09404/08/19 14:42:02 SPECI KBOS 081942Z 34012KT 3SM BR OVC005 07/05 A2979 RMK AO2 T00670050 (HGC)
08	1454	MET10104/08/19 14:54:02 METAR KBOS 081954Z 34012KT 3SM BR OVC005 07/05 A2977 RMK AO2 SLP081 T00670050 (HGC)
08	1554	MET12304/08/19 15:54:02 METAR KBOS 082054Z 34011G20KT 6SM BR FEW004 OVC007 06/04 A2980 RMK AO2 SLP089 60000 T00610039 55007 (HGC)
08	1600	SYN08672509 11259 83411 10061 20039 30084 40089 55007 69907 710// 92054 333 91020 555 90821=
08	1654	MET10104/08/19 16:54:02 METAR KBOS 082154Z 35014KT 7SM BR OVC007 06/03 A2979 RMK AO2 SLP085 T00560033 (HGC)
08	1754	MET09804/08/19 17:54:02 METAR KBOS 082254Z 33011KT 8SM OVC008 05/03 A2979 RMK AO2 SLP087 T00500028 (HGC)
08	1854	MET12304/08/19 18:54:02 METAR KBOS 082354Z 34011KT 10SM OVC008 04/02 A2981 RMK AO2 SLP094 60000 T00440022 10078 20044 53005 (HGC)
08	1900	SYN08672509 12366 83411 10044 20022 30087 40094 53005 69901 92354 333 10078 20044 555 90900=
08	1954	MET09304/08/19 19:54:01 METAR KBOS 090054Z 35007KT 10SM OVC007 04/02 A2982 RMK AO2 SLP096 T00390017
08	2054	MET09304/08/19 20:54:01 METAR KBOS 090154Z 34007KT 10SM OVC007 04/02 A2983 RMK AO2 SLP101 T00390017
08	2154	MET09904/08/19 21:54:02 METAR KBOS 090254Z 36005KT 10SM OVC008 03/01 A2982 RMK AO2 SLP097 T00330011 50003
08	2200	SYN06472509 32366 83605 10033 20011 30091 40097 50003 90254 555 90903=
08	2254	MET09804/08/19 22:54:03 METAR KBOS 090354Z 34006KT 10SM OVC007 03/01 A2982 RMK AO2 SLP098 T00330011 (FA)
08	2354	MET10304/08/19 23:54:02 METAR KBOS 090454Z 33005KT 10SM OVC006 03/01 A2982 RMK AO2 SLP096 T00280006 401220028

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Hourly Precipitation
April 2019

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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