

Arnold Arboretum Weather Station Data — 1999

	Avg. Max. Temp. (°F)	Avg. Min. Temp. (°F)	Avg. Temp. (°F)	Max. Temp. (°F)	Min. Temp. (°F)	Precipi- tation (in.)	Snow- fall (in.)
JAN	40	19	30	61	-1	7.69	16.9
FEB	42	23	33	60	7	3.97	7.85
MAR	49	30	40	71	1	5.58	7.5
APRIL	63	39	51	80	28	.93	0
MAY	75	48	62	92	33	3.53	0
JUNE	86	61	74	98	43	T	0
JULY	91	65	78	100	51	4.84	0
AUG	87	62	75	97	51	1.81	0
SEPT	81	55	68	99	44	10.39	0
OCT	64	39	52	77	30	4.63	0
NOV	59	37	48	75	22	2.91	0
DEC	45	27	36	63	10	2.11	0

Average Maximum Temperature	65°
Average Minimum Temperature	42°
Average Temperature	54°
Total Precipitation	48.39 inches
Total Snowfall	32.25 inches
Warmest Temperature	100° on July 6
Coldest Temperature	-1° on January 2
Date of Last Spring Frost	28° on April 19
Date of First Fall Frost	30° on October 8
Growing Season	170 days

Note: According to state climatologist R. Lautzenheiser, for warmth 1999 ranks tenth in Massachusetts' 129 years of weather-keeping. It was a mere 0.2° cooler than 1998. Seven months were drier than normal; the wettest month was September with 10.39 inches of precipitation. The year's total of 48.39 inches is 8 inches above normal, although not all of it was to the good. The rains of July and September came as downpours and often ran off before the moisture soaked in and replenished the soil.

Snowfall totaled only 32.25 inches, 10.05 inches below normal. Nearly half fell in January (16.9 inches). No snow at all fell in the latter part of the year, setting a new record for latest initial snowfall of a new season, which was previously held by December 22, 1998.



1999. "Arnold Arboretum Weather Station Data- 1999." *Arnoldia* 59(4), 33–33.

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