

Arnold Arboretum Weather Station Data — 2003

	Avg. Max. Temp. (°F)	Avg. Min. Temp. (°F)	Avg. Temp. (°F)	Max. Temp. (°F)	Min. Temp. (°F)	Precipi- tation (in.)	Snow- fall (in.)
JAN	31	13	22	42	-3	3.36	5.7
FEB	36	16	26	61	-6	6.13	42.4
MAR	49	25	37	78	2	4.47	7.2
APRIL	55	35	45	89	25	5.08	3.5
MAY	67	46	57	97	32	4.12	0
JUNE	78	57	68	99	46	5.77	0
JULY	89	65	77	98	58	2.32	0
AUG	83	66	75	92	53	4.45	0
SEPT	73	57	65	82	43	2.51	0
OCT	60	41	51	72	28	5.38	0
NOV	52	36	44	75	21	3.11	0
DEC	42	26	34	60	15	5.89	21.4

Average Maximum Temperature	60°
Average Minimum Temperature	40°
Average Temperature	50°
Total Precipitation	52.59 inches
Total Snowfall	80.2 inches
Warmest Temperature	99° on June 27 and 28
Coldest Temperature	-6° on February 14
Date of Last Spring Frost	32° on May 18
Date of First Fall Frost	29° on October 20
Growing Season	163 days

Note: According to state climatologist R. Lautzenheiser, 2003 was quite sunny although colder than normal with above-normal levels of precipitation. The temperature averaged 50.2 degrees Fahrenheit for the year, 1.4 degrees below normal. This was 2.7 degrees colder than 2002 and the coldest year since 1992. The total precipitation of 52.59 inches was 9.76 inches above normal, which is 42.53 inches a year. Our snowfall total of 80.2 inches was 38.2 inches more than the past average of 42 inches. The snowiest month was February with a record-breaking storm that came on the 17th and 18th and dropped 27.6 inches. The coldest month was January when the state recorded 308 hours of continuous temperatures below freezing. Nonetheless, the growing season at the Arnold Arboretum was a very good one. Cooler summer temperatures and consistent levels of precipitation allowed the plants to put on above-average amounts of new growth.