

Climatography of the United States No. 20

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: AMARGOSA FARMS GAREY, NV

1971-2000

COOP ID: 260150

Climate Division: NV 4

NWS Call Sign:

Elevation: 2,450 Feet Lat: 36° 34N

Lon: 116° 28W

Temperature (°F)																					
Mean (1)				Extremes										Degree Days (1) Base Temp 65		Mean Number of Days (3)					
Month	Daily Max	Daily Min	Mean	Highest Daily(2)	Year	Day	Highest Month(1) Mean	Year	Lowest Daily(2)	Year	Day	Lowest Month(1) Mean	Year	Heating	Cooling	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
Jan	61.0	31.2	46.1	81	1994	18	51.6	1986	7	1970	4	40.5	1979	586	0	.0	.0	27.0	.1	19.1	.0
Feb	66.0	35.3	50.7	88	1986	26	58.4	1995	11	1989	6	45.8	1979	404	1	.0	.0	21.4	1.9	14.1	@
Mar	71.4	39.8	55.6	96	1966	31	62.4	1994	19	1966	4	50.3+	1977	313	21	.0	.2	26.9	.4	3.8	.0
Apr	79.7	45.4	62.6	102	1989	8	72.4	1989	27+	1966	20	54.3	1975	157	83	.2	3.1	30.0	.0	.4	.0
May	88.6	54.0	71.3	107	1983	28	78.0	1984	35+	1967	1	64.2	1998	41	236	1.9	12.8	31.0	.0	.0	.0
Jun	98.1	63.1	80.6	115+	1994	29	84.9	1994	35+	1966	2	74.2	1998	1	468	11.0	23.9	30.0	.0	.0	.0
Jul	103.6	68.5	86.1	116+	1988	19	89.8	1996	46	1966	7	80.9	1987	0	652	20.6	30.2	31.0	.0	.6	.0
Aug	101.8	67.4	84.6	116	1993	3	89.3	1994	50	1968	24	80.0	1976	0	607	18.2	29.2	31.0	.0	.0	.0
Sep	94.7	59.4	77.1	110+	1993	10	81.0	1995	29	2001	23	69.9	1986	5	366	6.4	18.8	30.0	.0	.0	.0
Oct	83.8	48.0	65.9	104+	1991	5	73.3	1988	25	1979	31	60.7	1984	103	132	1.2	7.6	31.0	.0	5.6	.0
Nov	69.4	36.3	52.9	91+	1989	11	59.5	1995	18	1979	22	47.6	1985	372	8	.0	.1	29.7	.0	12.5	.0
Dec	61.5	30.3	45.9	80+	1980	16	51.3	1989	6+	1990	22	39.9	1978	592	0	.0	.0	28.2	@	20.7	.0
Ann	81.6	48.2	65.0	116+	Aug 1993	3	89.8	Jul 1996	6+	Dec 1990	22	39.9	Dec 1978	2574	2574	59.5	125.9	347.2	2.4	76.8	@

+ Also occurred on an earlier date(s)

@ Denotes mean number of days greater than 0 but less than .05

Complete documentation available from: www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Issue Date: February 2004

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1965-2001

(3) Derived from 1971-2000 serially complete daily data

001-A

Climatography of the United States

No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: AMARGOSA FARMS GAREY, NV

COOP ID: 260150

Climate Division: NV 4

NWS Call Sign:

Elevation: 2,450 Feet Lat: 36°34N

Lon: 116°28W

Precipitation (inches)																								
	Precipitation Totals									Mean Number of Days (3)				Precipitation Probabilities (1) Probability that the monthly/annual precipitation will be equal to or less than the indicated amount										
	Means/ Medians(1)		Extremes							Daily Precipitation				Monthly/Annual Precipitation vs Probability Levels These values were determined from the incomplete gamma distribution										
Month	Mean	Med-ian	Highest Daily(2)	Year	Day	Highest Monthly(1)	Year	Lowest Monthly(1)	Year	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95
Jan	.51	.30	2.00	1969	14	3.17	1995	.00	1984	3.2	1.6	.4	@	.00	.02	.06	.12	.20	.30	.42	.59	.84	1.27	1.72
Feb	.62	.35	1.26	1998	23	3.69	1998	.00+	1999	3.4	1.9	.5	.1	.00	.00	.03	.11	.22	.35	.51	.73	1.06	1.62	2.19
Mar	.64	.48	1.82	1983	3	2.83	1983	.00+	1999	4.1	1.9	.4	@	.00	.00	.00	.13	.26	.41	.58	.80	1.10	1.62	2.12
Apr	.19	.07	1.45	1988	15	1.82	1988	.00+	1996	1.6	.7	.1	@	.00	.00	.00	.00	.03	.07	.13	.21	.33	.55	.77
May	.24	.13	.79	1980	1	1.45	1980	.00+	2000	2.1	.9	.1	@	.00	.00	.00	.03	.07	.13	.20	.29	.43	.66	.88
Jun	.07	.00	.54	1997	13	1.24	1998	.00+	1999	.5	.3	.1	.0	.00	.00	.00	.00	.00	.00	.00	.00	.01	.16	.44
Jul	.26	.04	1.83	1984	22	2.81	1984	.00+	2000	1.4	.6	.2	.1	.00	.00	.00	.00	.01	.04	.10	.21	.41	.79	1.22
Aug	.39	.11	1.85	1983	18	4.01	1983	.00+	1999	1.5	.6	.2	.1	.00	.00	.00	.00	.02	.08	.19	.37	.65	1.20	1.78
Sep	.29	.08	1.10	1997	25	1.70	1997	.00+	1996	1.7	.8	.2	.1	.00	.00	.00	.00	.03	.09	.18	.30	.50	.85	1.22
Oct	.13	.06	.55	1996	30	.87	1996	.00+	1999	1.0	.4	@	.0	.00	.00	.00	.00	.03	.06	.10	.16	.23	.37	.50
Nov	.27	.09	.62	1984	23	1.61	1987	.00+	2000	1.5	.7	.2	.0	.00	.00	.00	.01	.06	.12	.20	.31	.47	.75	1.04
Dec	.31	.03	1.25	1965	9	2.70	1984	.00+	2000	1.8	1.2	.2	@	.00	.00	.00	.00	.00	.04	.13	.27	.51	.98	1.50
Ann	3.92	3.02	2.00	Jan 1969	14	4.01	Aug 1983	.00+	Dec 2000	23.8	11.6	2.6	.4	.84	1.20	1.77	2.29	2.82	3.38	4.01	4.76	5.76	7.35	8.85

+ Also occurred on an earlier date(s)

Denotes amounts of a trace

@ Denotes mean number of days greater than 0 but less than .05

** Statistics not computed because less than six years out of thirty had measurable precipitation

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1965-2001

(3) Derived from 1971-2000 serially complete daily data

Complete documentation available from:
www.ncdc.noaa.gov/oa/climate/normals/usnormals.html

Climatography of the United States

No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: AMARGOSA FARMS GAREY, NV

COOP ID: 260150

Climate Division: NV 4

NWS Call Sign:

Elevation: 2,450 Feet

Lat: 36°34N

Lon: 116°28W

Snow (inches)																							
Snow Totals															Mean Number of Days (1)								
Means/Medians (1)					Extremes (2)										Snow Fall >= Thresholds					Snow Depth >= Thresholds			
Month	Snow Fall Mean	Snow Fall Median	Snow Depth Mean	Snow Depth Median	Highest Daily Snow Fall	Year	Day	Highest Monthly Snow Fall	Year	Highest Daily Snow Depth	Year	Day	Highest Monthly Mean Snow Depth	Year	0.1	1.0	3.0	5.0	10.0	1	3	5	10
Jan	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Feb	.1	.0	#	0	1.5	1989	9	1.5	1989	1	1989	9	#	1989	.1	.1	.0	.0	.0	.1	.0	.0	.0
Mar	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Apr	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
May	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jun	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jul	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Aug	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Sep	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Oct	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nov	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Dec	.0	.0	0	0	.0	0	0	.0	0	7	1984	18	7	1984	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ann	.1	.0	N/A	N/A	1.5	Feb 1989	9	1.5	Feb 1989	7	Dec 1984	18	7	Dec 1984	.1	.1	.0	.0	.0	.1	.0	.0	.0

+ Also occurred on an earlier date(s) #Denotes trace amounts

@ Denotes mean number of days greater than 0 but less than .05

-9/-9.9 represents missing values

Annual statistics for Mean/Median snow depths are not appropriate

(1) Derived from Snow Climatology and 1971-2000 daily data

(2) Derived from 1971-2000 daily data

Complete documentation available from:

www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Climatography of the United States

No. 20 1971-2000

Station: AMARGOSA FARMS GAREY, NV

COOP ID: 260150

Climate Division: NV 4

NWS Call Sign:

Elevation: 2,450 Feet

Lat: 36°34N

Lon: 116°28W

Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (thru Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/17	5/05	4/26	4/19	4/12	4/05	3/29	3/21	3/09
32	4/29	4/17	4/07	3/30	3/23	3/16	3/08	2/26	2/13
28	4/18	4/03	3/23	3/14	3/05	2/25	2/15	2/05	1/21
24	4/06	3/19	3/06	2/23	2/12	2/02	1/22	1/09	12/22
20	4/02	3/11	2/22	2/07	1/23	1/06	12/10	0/00	0/00
16	3/01	2/13	1/30	1/16	12/28	0/00	0/00	0/00	0/00
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	10/06	10/12	10/17	10/21	10/25	10/29	11/02	11/07	11/13
32	10/08	10/16	10/22	10/27	10/31	11/05	11/09	11/15	11/23
28	10/12	10/22	10/30	11/05	11/11	11/17	11/23	12/01	12/11
24	10/16	10/28	11/05	11/13	11/19	11/26	12/04	12/12	12/24
20	10/17	11/07	11/23	12/08	12/24	1/11	2/14	0/00	0/00
16	10/17	11/15	12/09	1/04	2/17	0/00	0/00	0/00	0/00
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	237	222	212	203	195	187	178	168	153
32	262	248	238	229	221	213	205	195	181
28	305	286	273	261	250	239	228	214	195
24	355	327	308	293	279	265	250	233	209
20	>365	>365	>365	>365	>365	306	277	252	223
16	>365	>365	>365	>365	>365	>365	>365	280	229

* Probability of observing a temperature as cold, or colder, later in the spring or earlier in the fall than the indicated date.

0/00 Indicates that the probability of occurrence of threshold temperature is less than the indicated probability.

Derived from 1971-2000 serially complete daily data

Complete documentation available from:

www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

**Climatography
of the United States
No. 20
1971-2000**

Station: AMARGOSA FARMS GAREY, NV

COOP ID: 260150

Climate Division: NV 4

NWS Call Sign:

Elevation: 2,450 Feet Lat: 36°34N Lon: 116°28W

Degree Days to Selected Base Temperatures (°F)													
Base	Heating Degree Days (1)												
Below	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
65	586	404	313	157	41	1	0	0	5	103	372	592	2574
60	431	271	195	83	14	0	0	0	1	47	243	439	1724
57	339	198	140	50	6	0	0	0	0	26	177	352	1288
55	282	155	108	34	3	0	0	0	0	16	139	296	1033
50	152	73	45	12	0	0	0	0	0	4	66	173	525
32	0	0	0	0	0	0	0	0	0	0	0	1	1

Base	Cooling Degree Days (1)												
Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	438	521	731	916	1217	1458	1675	1630	1351	1051	626	432	12046
55	7	32	125	260	508	768	962	917	661	354	75	13	4682
57	2	19	95	216	449	708	900	855	601	302	53	8	4208
60	0	8	58	158	363	618	807	762	512	230	29	2	3547
65	0	1	21	83	236	468	652	607	366	132	8	0	2574
70	0	0	6	34	135	324	497	452	232	64	1	0	1745

Growing Degree Units (2)																								
Base	Growing Degree Units (Monthly)												Growing Degree Units (Accumulated Monthly)											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	191	244	429	651	951	1190	1382	1373	1040	726	341	191	191	435	864	1515	2466	3656	5038	6411	7451	8177	8518	8709
45	85	147	292	501	796	1040	1227	1218	890	576	214	83	85	232	524	1025	1821	2861	4088	5306	6196	6772	6986	7069
50	25	72	167	355	641	890	1072	1063	740	433	117	27	25	97	264	619	1260	2150	3222	4285	5025	5458	5575	5602
55	0	25	74	226	488	740	917	908	590	301	51	1	0	25	99	325	813	1553	2470	3378	3968	4269	4320	4321
60	0	4	26	116	339	590	763	753	447	187	15	0	0	4	30	146	485	1075	1838	2591	3038	3225	3240	3240
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	164	183	287	421	594	731	841	834	634	507	280	171	164	347	634	1055	1649	2380	3221	4055	4689	5196	5476	5647

(1) Derived from the 1971-2000 Monthly Normals

(2) Derived from 1971-2000 serially complete daily data

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

Complete documentation available from:
www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Notes

- a. The monthly means are simple arithmetic averages computed by summing the monthly values for the period 1971-2000 and dividing by thirty. Prior to averaging, the data are adjusted if necessary to compensate for data quality issues, station moves or changes in station reporting practices. Missing months are replaced by estimates based on neighboring stations.
- b. The median is defined as the middle value in an ordered set of values. The median is being provided for the snow and precipitation elements because the mean can be a misleading value for precipitation normals.
- c. Only observed validated values were used to select the extreme daily values.
- d. Extreme monthly temperature/precipitation means were selected from the monthly normals data.
Monthly snow extremes were calculated from daily values quality controlled to be consistent with the Snow Climatology.
- e. Degree Days were derived using the same techniques as the 1971-2000 normals.
Complete documentation for the 1971-2000 Normals is available on the internet from:
www.ncdc.noaa.gov/oa/climate/normal/usnormals.html
- f. Mean "number of days statistics" for temperature and precipitation were calculated from a serially complete daily data set.
Documentation of the serially complete data set is available from the link below:
- g. Snowfall and snow depth statistics were derived from the Snow Climatology.
Documentation for the Snow Climatology project is available from the link under references.

Data Sources for Tables

Several different data sources were used to create the Clim20 climate summaries. In some cases the daily extremes appear inconsistent with the monthly extremes and or the mean number of days statistics. For example, a high daily extreme value may not be reflected in the highest monthly value or the mean number of days threshold that is less than and equal to the extreme value. Some of these difference are caused by different periods of record. Daily extremes are derived from the station's entire period of record while the serial data and normals data were for the 1971-2000 period. Therefore extremes observed before 1971 would not be included in the 1971-2000 normals or the 1971-2000 serial daily data set. Inconsistencies can also occur when monthly values are adjusted to reflect the current observing conditions or were replaced during the 1971-2000 Monthly Normals processing and are not reconciled with the Summary of the Day data.

- a. Temperature/ Precipitation Tables
 - 1. 1971-2000 Monthly Normals
 - 2. Cooperative Summary of the Day
 - 3. National Weather Service station records
 - 4. 1971-2000 serially complete daily data
- b. Degree Day Table
 - 1. Monthly and Annual Heating and Cooling Degree Days Normals to Selected Bases derived from 1971-2000 Monthly Normals
 - 2. Daily Normal Growing Degree Units to Selected Base Temperatures derived from 1971-2000 serially complete daily data
- c. Snow Tables
 - 1. Snow Climatology
 - 2. Cooperative Summary of the Day
- d. Freeze Data Table
1971-2000 serially complete daily data

References

U.S. Climate Normals 1971-2000, www.ncdc.noaa.gov/normal.html
U.S. Climate Normals 1971-2000-Products Clim20, www.ncdc.noaa.gov/oa/climate/normal/usnormalsprods.html
Snow Climatology Project Description, www.ncdc.noaa.gov/oa/climate/monitoring/snowclim/mainpage.html
Eischeid, J. K., P. Pasteris, H. F. Diaz, M. Plantico, and N. Lott, 2000: Creating a serially complete, national daily time series of temperature and precipitation for the Western United States. J. Appl. Meteorol., 39, 1580-1591,
www1.ncdc.noaa.gov/pub/data/special/serialcomplete_jam_0900.pdf