



Crop Progress and Condition



National Agricultural Statistics Service

United States Department of Agriculture • Washington, DC 20250
 Northwest Regional Field Office • Olympia, WA 98507
 Alaska Field Office • 907-745-4272
 • www.nass.usda.gov/ak

For Week Ending: July 1, 2018

Released: July 2, 2018

ALASKA: There were **6.0 days suitable for fieldwork** last week. Temperatures last week ranged from four degrees below normal in Glennallen to one degree above normal in Anchorage, Fairbanks, Homer and Nenana. A high temperature of 76 degrees Fahrenheit was reported in Fairbanks, while a low of 35 degrees was reported in Glennallen. Precipitation varied but was generally less than half an inch with the exception of Juneau and Kodiak where over 1 inch of precipitation fell. **Rate of crop growth** was reported as 45% moderate, 55% rapid. **Wind and rain damage to crops** was reported as 95% none, 5% light.

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 40% moderate, 60% rapid. **Wind and rain damage to crops** was reported as 90% none, 10% light. **Farm activities** for the week included first cutting of hay, spraying for weeds, summer fallowing with tillage or herbicides, seeding forage oats, fence construction and maintenance. Peony harvest was underway.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 50% moderate, 50% rapid. **Wind and rain damage to crops** was reported as 95% none, 5% light. **Farm activities** for the week included irrigation, weed control, harvesting hay, fallow tillage, general maintenance. Peony harvest was underway.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	0	5	90	5
Tanana Valley.....	0	0	90	10
Matanuska Valley.....	0	15	85	0
Subsoil Moisture – State	0	15	85	0
Tanana Valley.....	0	20	80	0
Matanuska Valley.....	0	10	90	0

Soil Temperatures (F^o) at 4 inch depth

	Grass			Air Temperature		Precipitation (inches)
	2018	2017	2016	High	Low	
Sawmill Creek.....	51	53	48	72	44	0.25
Plant Materials Center.....	58	57	58	74	45	0.07

na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week (percent)	Last week (percent)	Last year (percent)	5 year average (percent)
Barley in-boot	5	0	43	49
Oats in-boot	0	0	43	25
Potatoes emerged.....	90	55	99	95
Grass hay harvested.....	25	5	22	32

na – not available

Crop Condition -- Alaska

	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Barley.....	0	0	20	50	30
Oats.....	0	0	0	70	30
Hay.....	0	0	10	70	20

Weekly Weather Statistics — Alaska: June 25 - July 1, 2018

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	76	51	64	+1	0.18	4	2.39	+0.36	34	464	+54	998
Fairbanks-Eielson	75	45	62	+0	0.18	4	1.70	-0.96	26	405	+15	928
Nenana	75	47	63	+1	0.04	3	2.53	+0.26	31	439	+116	982
Fort Greely-Allen.....	70	50	60	+0	0.22	4	2.26	-1.04	32	324	+24	846
Gulkana Airport.....	66	42	55	-2	0.54	3	4.47	+2.36	31	210	+34	680
Glennallen	68	35	52	-4	0.42	2	2.69	+0.01	14	110	-40	518
Sutton	70	39	55	-1	0.12	3	4.62	+2.25	24	194	+36	709
Palmer	70	45	57	+0	0.10	4	3.32	+2.30	34	268	+42	816
Talkeetna.....	68	46	58	-1	0.08	2	4.18	+0.57	36	276	+8	764
Willow Airport.....	74	46	59	+0	0.04	1	2.84	+0.85	25	284	+68	799
Anchorage International.....	68	48	58	+1	0.03	2	2.04	+0.31	31	285	+82	842
Kenai	65	42	55	+0	0.25	5	3.08	+1.06	31	116	+6	574
Homer.....	61	43	54	+1	0.51	5	4.66	+2.99	39	108	+52	602
Kodiak.....	69	43	52	+0	1.04	6	13.70	+2.01	47	97	+42	540
Juneau Airport	64	49	55	+0	1.07	7	10.32	+3.55	50	297	+106	867
McKinley National Park.....	67	43	56	+0	0.70	3	3.27	+0.15	20	174	+34	591

Summary based on NOAA Regional Climate Centers (RCC) data.

DFN=Departure from normal

Precipitation (rain or melted snow/ice) in inches.

Air temperatures in degrees Fahrenheit.

Climate normals used are for 1981-2010 period.

Season cumulative precipitation total starts May 1, 2018.

NOTICE: Please be advised, the Weekly Crop Progress and Condition Report's Weather Data Tables may be discontinued for budget reasons. This includes the possibility of discontinuing the weather data narratives and graphics. Please contact your local NASS Regional Field Office with comments or compliments regarding this issue. The Weekly Crop Progress and Condition Report's Crop Progress and Condition data will remain and be available.

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov>. Hover over the "Publications" drop down. Under "Receive reports by Email" section in the lower right corner, select the report(s) you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800)727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail nass@nass.usda.gov.