



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 29, 2018

Released: July 30, 2018

ALASKA: There were **7.0 days suitable for fieldwork** last week. Temperatures last week ranged from two degrees below normal in Kodiak to thirteen degrees above normal in Delta Junction. Temperatures in the high eighties were reported across the Tanana Valley, while a low temperature of 40 degrees was reported in Glennallen. Precipitation was light in the Tanana Valley and parts of the Matanuska Valley while Anchorage and Kenai reported over a half in of rain and Kodiak over three inches. **Wind and rain damage to crops** was reported as 100% none.

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Wind and rain damage to crops** was reported as 100% none. **Farm activities** for the week included finishing up first cutting of hay, harvesting grass seed, operating irrigation systems, fence work, harvesting forage oats and peas as haylage. Hot dry conditions have caused second growth dry land hay to stall out.

MATANUSKA VALLEY: An average of **6.5 days was suitable for fieldwork**. **Wind and rain damage to crops** was reported as 100% none. **Farm activities** for the week included irrigation, finishing up first cutting of hay, harvesting vegetables, cutting sod, fertilizing for second cutting hay, weed control, general maintenance. Second cutting hay harvest was underway.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	15	40	45	0
Tanana Valley.....	30	60	10	0
Matanuska Valley.....	0	15	85	0
Subsoil Moisture – State	0	40	60	0
Tanana Valley.....	0	60	40	0
Matanuska Valley.....	0	15	85	0

Soil Temperatures (F^o) at 4 inch depth

	Grass			Air Temperature		Precipitation (inches)
	2018	2017	2016	High	Low	
Sawmill Creek.....	58	58	55	89	42	0.00
Plant Materials Center.....	60	61	59	74	44	0.00

na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week (percent)	Last week (percent)	Last year (percent)	5 year average (percent)
Barley turning color	10	0	60	27
Oats in dough	15	0	85	46
Grass hay harvested.....	97	90	85	85

na – not available

Crop Condition -- Alaska

	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Barley.....	0	0	10	40	50
Oats.....	0	0	0	50	50
Potatoes	0	0	10	65	25
Hay.....	10	10	15	50	15

Weekly Weather Statistics — Alaska: July 23 - July 29, 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.....	88	54	69	+8	0.18	1	3.91	-0.07	43	900	+134	1,715
Fairbanks-Eielson	88	49	67	+7	0.01	1	3.59	-1.28	37	793	+61	1,596
Nenana	89	51	70	+11	0.00	0	3.19	-1.65	39	867	+235	1,690
Fort Greely-Allen.....	86	58	72	+13	0.00	0	3.67	-2.06	40	737	+146	1,539
Gulkana Airport.....	82	44	65	+8	0.04	2	5.21	+1.47	40	533	+139	1,284
Glennallen	83	40	63	+6	0.05	1	3.38	-1.16	21	362	-2	1,046
Sutton	72	46	60	+2	0.11	3	5.48	+0.94	33	474	+120	1,269
Palmer	70	52	61	+2	0.12	4	4.01	+1.51	45	601	+141	1,428
Talkeetna.....	74	50	64	+4	0.17	3	7.75	+1.12	47	623	+75	1,392
Willow Airport.....	76	51	62	+3	0.43	3	4.17	+0.30	34	650	+156	1,444
Anchorage International.....	71	52	61	+2	0.89	5	3.57	+0.21	44	630	+182	1,466
Kenai	66	51	58	+1	0.82	6	4.54	+0.87	44	336	+44	1,073
Homer.....	65	53	60	+5	0.19	4	5.28	+2.22	49	318	+132	1,092
Kodiak.....	59	52	54	-2	3.80	7	19.34	+3.17	63	292	+108	1,014
Juneau Airport	80	50	66	+8	0.00	0	12.68	+1.77	61	656	+271	1,506
McKinley National Park.....	81	49	66	+11	0.01	1	4.69	-1.34	31	470	+156	1,167

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 and growing degree days 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.