



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: July 15, 2018

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ALASKA: There were **5.5 days suitable for fieldwork** last week. Temperatures were cooler last week and ranged from normal temperatures in Juneau to five degrees below normal in Talkeetna. A high temperature of 77 degrees Fahrenheit was reported in Nenana, while a low of 35 degrees was reported in Glennallen and Gulkana. Precipitation varied from just over a tenth of an inch in Glennallen to over an inch in Talkeetna and Juneau. **Rate of crop growth** was reported as 25% moderate, 75% rapid. **Wind and rain damage to crops** was reported as 90% none, 5% light, 5% moderate.

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 100% rapid. **Wind and rain damage to crops** was reported as 80% none, 10% light, 10% moderate. **Farm activities** for the week included first cutting of hay, spreading fertilizer for second cutting hay, fence work. High winds caused damage in vegetables and mown hay. Peony harvest continues.

MATANUSKA VALLEY: An average of **6.5 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 100% none. **Farm activities** for the week included irrigation, weed control, harvesting hay and vegetables, fertilizing for second cutting hay, fallow tillage, general maintenance. Peony harvest continues.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	0	10	90	0
Tanana Valley.....	0	10	90	0
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.....	52	58	57	76	36	0.25
Plant Materials Center.....	58	61	63	68	47	0.26

na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley headed	90	15	96	88
Oats headed	15	0	70	42
Grass hay harvested.....	80	70	62	66

na – not available

Crop Condition -- Alaska

	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Barley.....	0	0	20	40	40
Oats.....	0	0	0	60	40
Potatoes	0	0	15	80	5
Hay.....	0	0	20	75	5

Weekly Weather Statistics — Alaska: July 9 - July 15, 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.....	75	47	61	-3	0.71	3	3.69	+0.74	40	660	+60	1,334
Fairbanks-Eielson.....	76	44	60	-3	0.41	3	3.18	-0.57	32	580	+8	1,243
Nenana.....	77	45	61	-1	0.16	3	3.13	-0.30	37	626	+136	1,308
Fort Greely-Allen.....	73	44	58	-3	0.22	4	3.40	-1.13	38	497	+43	1,159
Gulkana Airport.....	68	35	54	-4	0.30	3	4.82	+1.93	36	338	+52	948
Glennallen.....	70	35	55	-3	0.12	1	2.88	-0.67	17	221	-34	768
Sutton.....	67	45	54	-4	0.35	2	5.08	+1.71	27	335	+80	990
Palmer.....	66	48	55	-3	0.20	5	3.52	+1.89	39	434	+96	1,122
Talkeetna.....	67	39	55	-5	1.48	5	6.49	+1.60	42	432	+24	1,061
Willow Airport.....	70	41	56	-4	0.72	4	3.72	+1.02	30	464	+110	1,118
Anchorage International.....	66	50	57	-2	0.57	6	2.61	+0.17	37	459	+137	1,156
Kenai.....	62	37	53	-3	0.59	6	3.72	+0.99	38	220	+27	818
Homer.....	60	45	54	-1	0.43	6	5.09	+2.81	45	201	+86	835
Kodiak.....	62	44	52	-2	0.73	6	14.45	+0.45	55	207	+97	790
Juneau Airport.....	71	47	56	+0	1.74	6	12.07	+3.38	57	472	+190	1,182
McKinley National Park.....	68	40	54	-3	0.30	3	4.23	-0.31	27	284	+48	842

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 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.

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