



# Crop Progress and Condition



## National Agricultural Statistics Service

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For Week Ending: July 10, 2016

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**ALASKA:** There were **4.0 days suitable for fieldwork** last week. Temperatures last week ranged from two degrees above normal in the Tanana Valley to six degrees above normal on Kodiak and in Juneau. Precipitation varied with Juneau receiving the least amount of rain and the Fort Greely area receiving over an inch of rain. **Rate of crop growth** remained at 10% moderate, 90% rapid. Wind or rain damage to crops was reported as 90% none, 5% light, 5% moderate.

**TANANA VALLEY:** An average of **3.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 100% rapid. **First cutting hay harvest** was 40% complete but was slowed by frequent rains. **Farm activities** for the week included harvesting hay, fertilizing for second cutting hay, seeding forage oats, CRP maintenance, cultivating/hilling potatoes, fence construction and general farm maintenance. Garden vegetables and berries being harvested.

**MATANUSKA VALLEY:** An average of **5.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 20% moderate, 80% rapid. **First cutting hay harvest** was reported as 85% complete. **Farm activities** for the week included irrigation, weed control, harvesting hay, fertilizing for second cutting, general farm maintenance and equipment repair. Farmers markets are selling a wider variety of vegetables. Local lettuce is in grocery stores. 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	0	100	0
Matanuska Valley.....	0	5	90	5
Kenai Peninsula.....	0	50	50	0
Subsoil Moisture – State .....	0	25	75	0
Tanana Valley.....	0	30	70	0
Matanuska Valley.....	0	15	85	0
Kenai Peninsula.....	0	50	50	0

### Soil Temperatures (F<sup>0</sup>)

	Grass			Fallow land			Air Temperature		Precipitation (inches)
	2016	2015	2014	2016	2015	2014	High	Low	
Sawmill Creek <sup>1/</sup> .....	57	54	55	na	na	na	78	48	0.86
Plant Materials Center <sup>2/</sup> .....	63	na	59	na	na	57	77	47	0.08

Weather data and Pan Evaporation from UAF-AFES, Matanuska Experiment Farm, Palmer: Not available for 2016

<sup>1/</sup> 4" depth, <sup>2/</sup> 6" depth, na – not available.

### Crop Progress -- Alaska

	Percent completed			
	This week (percent)	Last week (percent)	Last year (percent)	5 year average (percent)
Barley headed.....	90	na	73	65
Oats headed.....	80	na	5	16
Hay harvested .....	65	60	57	47

na – not available

**Crop Condition -- Alaska**

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	0	0	10	50	40
Oats .....	0	0	0	70	30
Potatoes .....	0	0	15	35	50
Hay.....	0	0	20	60	20

**Weekly Weather Statistics — Alaska: July 4 - July 10, 2016**

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.....	80	53	65	+3	0.34	2	4.63	+2.09	27	602	+120	1,287
Fairbanks-Eielson .....	78	52	64	+3	0.56	2	6.25	+3.09	24	508	+56	1,161
Nenana .....	79	50	64	+3	0.20	3	4.67	+2.59	28	545	+137	1,213
Fort Greely-Allen.....	79	51	62	+2	1.41	5	5.09	+0.96	33	486	+90	1,109
Healy River Airport.....	78	51	62	+2	0.70	7	4.55	+0.54	42	418	+102	1,054
Gulkana Airport.....	79	39	59	+3	0.32	2	2.41	-0.34	25	397	+214	1,010
Glennallen .....	80	38	59	+3	0.09	1	2.33	-0.12	17	340	+178	936
Sutton .....	73	48	58	+2	0.45	5	4.67	+1.64	44	328	+139	958
Palmer .....	78	49	60	+3	0.15	2	2.90	+0.28	21	461	+183	1,125
Talkeetna.....	79	50	61	+3	0.67	5	5.13	+0.10	34	471	+193	1,131
Willow Airport.....	76	51	61	+3	0.43	5	4.53	+1.35	42	500	+223	1,169
Anchorage International .....	74	51	61	+4	0.35	4	2.66	+0.44	24	504	+248	1,163
Kenai .....	70	43	57	+3	0.78	3	4.01	+1.47	27	273	+154	906
Homer.....	65	45	56	+4	0.41	5	2.12	-0.31	32	249	+158	893
Kodiak.....	70	49	58	+6	0.54	4	7.90	-5.19	37	245	+165	868
Juneau Airport	76	50	62	+6	0.01	1	9.95	+1.85	34	425	+192	1,100

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2016.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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