



# 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 24, 2016

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**ALASKA:** There were **3.0 days suitable for fieldwork** last week. Temperatures last week ranged from six degrees below normal in the Tanana Valley to fourteen degrees above normal on Kodiak. Precipitation varied with Kodiak reporting little rain and some areas near Fairbanks receiving over two inches of rain. **Wind or rain damage** to crops was reported as 90% none, 5% light, 5% moderate.

**TANANA VALLEY:** An average of **1.0 day was suitable for fieldwork**. **First cutting hay harvest** remained at 60% complete due to rain. **Farm activities** for the week included mowing hay, fertilizing for second cutting hay, fence construction and general farm maintenance. High tunnel and greenhouse vegetables were being harvested.

**MATANUSKA VALLEY:** An average of **5.0 days was suitable for fieldwork**. **First cutting hay harvest** was reported as 95% complete; second cutting was <5% complete. **Farm activities** for the week included irrigation, weed control, harvesting hay, fertilizing for second cutting, general farm maintenance and equipment repair. Farmers markets and grocery stores are selling a wide variety of vegetables.

### Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State .....	0	5	80	15
Tanana Valley.....	0	0	80	20
Matanuska Valley.....	0	5	90	5
Subsoil Moisture – State .....	0	10	90	0
Tanana Valley.....	0	0	100	0
Matanuska Valley.....	0	15	85	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> .....	55	53	58	na	na	na	66	49	1.39
Plant Materials Center <sup>2/</sup> .....	59	63	59	na	64	58	81	48	0.44

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 turning color.....	10	0	9	7
Oats in dough.....	40	0	4	8
First cutting hay harvested.....	80	75	74	78

na – not available

### Crop Condition -- Alaska

	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Barley.....	0	0	10	50	40
Oats .....	0	0	0	60	40
Potatoes .....	0	0	10	40	50

### Weekly Weather Statistics — Alaska: July 18 - July 24, 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.....	69	50	58	-5	1.75	6	7.05	+3.69	37	798	+139	1,623
Fairbanks-Eielson .....	67	49	57	-6	4.13	6	11.56	+7.39	33	684	+65	1,477
Nenana .....	67	49	58	-4	2.07	6	7.00	+3.99	36	733	+168	1,541
Fort Greely-Allen .....	67	50	56	-6	1.02	6	6.39	+1.00	43	638	+88	1,401
Healy River Airport .....	67	50	58	-3	1.65	7	6.79	+1.59	53	592	+140	1,368
Gulkana Airport .....	78	49	61	+4	0.35	4	3.09	-0.49	32	583	+300	1,336
Glennallen.....	77	49	60	+4	0.96	5	3.04	-0.14	25	515	+255	1,251
Sutton .....	76	51	62	+6	0.61	5	5.40	+1.34	53	498	+211	1,268
Palmer .....	81	50	63	+5	0.54	4	3.53	-0.07	26	654	+262	1,458
Talkeetna .....	79	53	65	+6	0.26	4	5.47	-1.05	41	683	+279	1,483
Willow Airport .....	80	55	65	+7	0.56	5	5.17	+0.99	50	715	+310	1,524
Anchorage International .....	79	56	66	+8	0.58	4	3.24	+0.23	28	715	+335	1,514
Kenai.....	76	50	62	+7	0.22	1	4.26	+0.91	29	428	+236	1,201
Homer.....	70	52	61	+7	0.50	3	2.63	-0.49	36	387	+234	1,171
Kodiak.....	80	57	68	+14	0.03	1	8.39	-6.50	41	439	+295	1,202
Juneau Airport.....	82	51	60	+4	1.54	4	11.57	+1.57	40	584	+253	1,399

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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