



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: July 17, 2016

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ALASKA: There were **6.0 days suitable for fieldwork** last week. Temperatures last week ranged from five to nine degrees above normal with temperatures reaching 90 degrees in the Fairbanks area. Precipitation varied with Anchorage reporting no rain and some areas near Fairbanks 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 85% none, 0% light, 15% moderate.

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 100% rapid. **First cutting hay harvest** was 60% complete but afternoon thunderstorms slowed harvest. **Farm activities** for the week included harvesting hay, fertilizing for second cutting hay, fence construction and general farm maintenance. Some hay and grain lodged due to rains.

MATANUSKA VALLEY: An average of **6.5 days was suitable for fieldwork**. **Rate of crop growth** was reported as 25% moderate, 75% rapid. **First cutting hay harvest** was reported as 90% complete; second cutting was underway on a few fields. **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	10	90	0
Tanana Valley.....	0	0	100	0
Matanuska Valley.....	0	20	80	5
Subsoil Moisture – State	0	20	80	0
Tanana Valley.....	0	10	90	0
Matanuska Valley.....	0	25	75	0

Soil Temperatures (F⁰)

	Grass			Fallow land			Air Temperature		Precipitation (inches)
	2016	2015	2014	2016	2015	2014	High	Low	
Sawmill Creek ^{1/}	59	53	55	na	na	na	86	50	0.97
Plant Materials Center ^{2/}	64	na	na	na	na	na	81	47	0.03

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

^{1/} 4" depth, ^{2/} 6" depth, na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week (percent)	Last week (percent)	Last year (percent)	5 year average (percent)
Barley in dough	20	0	36	19
Oats headed.....	95	80	16	35
Hay harvested	75	65	67	61

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	65	35
Potatoes	0	0	10	40	50
Hay.....	0	0	25	50	25

Weekly Weather Statistics — Alaska: July 11 - July 17, 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.....	88	52	69	+7	0.67	4	5.30	+2.36	31	741	+168	1,496
Fairbanks-Eielson	88	50	68	+6	1.18	3	7.43	+3.78	27	635	+98	1,358
Nenana	90	49	69	+8	0.26	2	4.93	+2.41	30	677	+188	1,415
Fort Greely-Allen	85	52	66	+5	0.28	4	5.37	+0.61	37	597	+124	1,290
Healy River Airport	85	51	67	+8	0.59	4	5.14	+0.50	46	537	+151	1,243
Gulkana Airport	84	45	66	+9	0.33	3	2.74	-0.42	28	507	+274	1,190
Glennallen.....	85	46	64	+8	0.09	3	2.42	-0.38	20	442	+231	1,108
Sutton	76	50	62	+6	0.12	4	4.79	+1.27	48	415	+177	1,115
Palmer	80	50	64	+6	0.09	1	2.99	-0.12	22	561	+226	1,295
Talkeetna	83	54	65	+7	0.08	3	5.21	-0.53	37	580	+239	1,310
Willow Airport	79	53	65	+6	0.08	3	4.61	+0.94	45	607	+265	1,346
Anchorage International	77	52	64	+6	0.00	0	2.66	+0.08	24	602	+285	1,331
Kenai.....	73	46	60	+5	0.03	1	4.04	+1.11	28	342	+188	1,045
Homer.....	70	47	59	+5	0.01	1	2.13	-0.64	33	311	+192	1,025
Kodiak.....	74	48	60	+6	0.46	3	8.36	-5.66	40	315	+206	1,008
Juneau Airport	72	53	62	+6	0.08	2	10.03	+1.01	36	510	+228	1,255

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 or call 1-888-798-9955.

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