



# 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 • Palmer, AK 99645  
 1-800-478-6079 • www.nass.usda.gov/ak

For Week Ending: September 6, 2015

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**ALASKA:** There were **5.0 days suitable for fieldwork** last week. Temperatures last week ranged from seven degrees below normal in the Tanana Valley to 2 degrees above normal on Kodiak. Precipitation fell over most of the major growing areas. **Wind and rain damage to crops** was reported as 98% none, 2% moderate.

**TANANA VALLEY:** An average of **5.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 96% complete; second cutting was 20% complete. Potato and grain harvests were getting underway. **Farm activities** for the week included baling hay, harvesting vegetables, forage oats and oat/pea forage, preparing for grain harvest, fence construction and maintenance.

**MATANUSKA VALLEY:** An average of **5.5 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 99% complete. Second cutting was 35% complete. Potato harvest was underway. **Farm activities** for the week included harvesting hay, sod, small grains and vegetables, hauling hay, irrigation, general farm maintenance.

**KENAI PENINSULA:** An average of **4.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 100% complete. **Farm activities** for the week included general farm maintenance and equipment repair.

### Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	5	5	85	5
Tanana Valley.....	0	0	95	5
Matanuska Valley.....	20	5	75	0
Kenai Peninsula.....	0	0	100	0
Subsoil Moisture – State .....	5	5	90	0
Tanana Valley.....	0	0	100	0
Matanuska Valley.....	15	15	70	0
Kenai Peninsula.....	0	0	100	0

### Soil Temperatures (F<sup>0</sup>) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	55	55	54	52	49	52	64	30	0.47
Sawmill Creek.....	46	46	49	na	na	na	64	23	0.14
Plant Materials Center.....	na	51	54	na	53	53	65	30	0.08

Pan Evaporation<sup>1/</sup> UAF-AFES, Matanuska Experiment Farm, Palmer: 0.714

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

### Crop Progress -- Alaska

	Percent completed			
	This week (percent)	Last week (percent)	Last year (percent)	5 year average (percent)
Barley Harvested.....	5	na	9	32
Oats Ripe .....	5	na	18	46
Potatoes Harvest.....	10	<5	5	8
First Cutting Hay Harvested.....	98	97	98	98
Second Cutting Hay Harvested.....	25	15	19	37

na – not available

### Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	5	15	40	40	0
Oats.....	0	10	50	40	0
Potatoes.....	0	5	30	50	15
Hay.....	0	5	45	35	15
Range and pasture.....	0	15	45	40	0

### Weekly Weather Statistics — Alaska: August 31 - September 6, 2015

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	30	47	-4	0.00	0	6.68	+0.94	45	1,035	+100	2,233
Fairbanks-Eielson .....	69	27	46	-6	0.08	1	8.68	+1.41	51	813	-77	1,977
Nenana .....	68	31	46	-4	0.03	2	5.92	+0.29	44	1,003	+204	2,189
Fort Greely-Allen .....	62	28	44	-7	0.10	3	7.41	-0.89	45	855	+22	1,997
Healy River Airport.....	64	28	45	-6	0.12	3	9.00	+0.54	72	749	+85	1,905
Gulkana Airport.....	60	27	45	-4	0.19	3	6.35	+0.30	36	662	+186	1,801
Sutton .....	62	32	48	-4	0.37	3	9.28	+1.46	72	617	+121	1,794
Palmer .....	63	32	49	-4	0.34	3	3.98	-2.86	37	863	+214	2,108
Talkeetna .....	65	29	48	-3	0.59	3	8.78	-3.97	53	840	+192	2,050
Willow Airport.....	64	34	50	-4	0.38	3	7.87	+1.29	65	939	+289	2,182
Anchorage International.....	63	36	51	-2	0.37	3	5.19	-1.80	39	1,005	+351	2,237
Kenai.....	65	26	48	-4	0.98	5	5.86	-1.20	50	487	+108	1,599
Homer .....	63	35	51	-1	0.78	4	3.97	-2.42	43	619	+284	1,860
Kodiak.....	66	39	54	+2	0.37	3	15.11	-6.50	62	676	+309	1,830

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, 2015.

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

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USDA/NASS/Alaska Field Office  
 PO Box 799  
 Palmer, AK 99645