



# 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

Released: September 8, 2014

**ALASKA:** There were 4.0 days suitable for fieldwork last week. Topsoil moisture supplies were reported as 95% adequate, 5% surplus. Subsoil moisture supplies were reported as 100% adequate. Barley was reported as 10% harvested. Last year at this time 60% of the barley crop was harvested; the 5 year average is 50%. Oats were reported as < 5% harvested. First cutting of hay was 98% complete; second cutting was 20% complete. Potatoes were reported as 5% harvested. Condition of oats was reported as 30% fair, 40% good, 30% excellent. Condition of all hay was reported 5% poor, 30% fair, 60% good, 5% excellent. Condition of potatoes was reported 55% good, 45% excellent. Condition of pasture was reported 5% poor, 15% fair, 60% good, 20% excellent. Winter supplies of hay were reported as 100% adequate. Wind and rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were harvesting hay, forage oats, grass seeds and vegetables, weed control, preparing for grain and potato harvest, farm maintenance.

### CROP WEATHER SUMMARY September 1 – September 7, 2014

Days Suitable for Fieldwork: 4.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	0%	0%
Adequate	95%	100%
Surplus	5%	0%
Pan Evaporation <sup>1/</sup> UAF-AFES, Trunk Rd		0.48

**TANANA VALLEY:** An average of 4.0 days was suitable for fieldwork. Topsoil moisture supplies were reported as 100% adequate. Subsoil moisture supplies were also reported as 100% adequate. Barley was reported as 10% harvested. Oats were reported as 10% ripe. First cutting of hay was 98% complete; second cutting was 25% complete. Condition of oats was reported 20% fair, 40% good, 40% excellent. Condition of all hay was reported as 10% poor, 30% fair, 50% good, 10% excellent. Condition of potatoes was reported 50% good, 50% excellent. Condition of pasture was reported 10% poor, 30% fair, 40% good, 20% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. Farm activities for the week included harvesting hay, forage oats and vegetables, preparing for grain and potato harvest, cleaning out high tunnels and gardens.

**MATANUSKA VALLEY:** An average of 4.5 days was suitable for fieldwork. Topsoil moisture supplies were reported as 90% adequate, 10% surplus. Subsoil moisture supplies were reported as 100% adequate. First cutting of hay was 98% complete; second cutting was 15% complete. Small grain harvest was underway. Condition of all hay was reported as 40% fair, 60% good. Condition of potatoes was reported 60% good, 40% excellent. Condition of pasture was reported 5% fair, 75% good, 20% excellent. Wind and rain damage to crops was reported as 90% none, 5% light, 5% moderate. Farm activities for the week included harvesting hay, vegetables, small grains and grass seed; killing potato vines, weed control, farm maintenance.

**KENAI PENINSULA:** An average of 5.0 days was suitable for fieldwork. Topsoil and subsoil moisture were both reported as 100% adequate. First cutting of hay was reported as 100% complete. Condition of all hay was reported as 100% good. Condition of pasture was reported 10% fair, 90% good. Wind and rain damage to crops was reported as 95% none, 5% light. Farm activities for the week included harvesting hay, farm maintenance.

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

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	55	54	na	49	52	na	63	33	1.01
Sawmill Creek	46	49	46	na	na	na	55	22	0.21
Plant Materials Center	51	54	43	53	53	35	64	30	0.93

<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.

## Weekly Weather Statistics — Alaska: September 1 - September 7, 2014

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.....	60	28	44	-7	2.24	2	13.77	+7.99	45	953	+17	2,154
Fairbanks-Eielson .....	59	24	42	-10	1.26	3	12.05	+4.73	41	668	-223	1,779
Nenana .....	58	27	43	-7	1.87	2	14.76	+9.09	48	759	-41	1,898
Fort Greely-Allen .....	56	27	41	-10	0.22	3	9.51	+1.17	52	667	-168	1,787
Healy River Airport .....	55	27	42	-8	1.41	4	9.02	+0.50	67	546	-119	1,669
Gulkana Airport .....	60	25	43	-5	1.55	6	7.53	+1.43	43	400	-77	1,560
Sutton .....	58	34	48	-3	1.07	7	12.35	+4.42	79	435	-63	1,643
Palmer .....	63	35	51	-2	1.07	5	7.32	+0.39	47	715	+63	1,988
Talkeetna .....	63	31	48	-3	0.51	3	9.53	-3.37	50	669	+19	1,895
Willow Airport .....	62	36	51	-2	0.97	6	11.53	+4.85	71	784	+132	2,060
Anchorage International .....	65	37	52	+0	0.98	2	10.16	+3.07	49	841	+184	2,120
Kenai.....	63	32	50	+0	0.89	2	10.71	+3.54	57	462	+81	1,616
Homer.....	66	38	55	+5	0.75	2	7.75	+1.25	53	620	+283	1,872
Kodiak.....	65	43	56	+4	1.67	3	18.55	-3.30	53	554	+185	1,762

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, 2014.

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

Copyright 2014: Agricultural Weather Information Service, Inc.

All rights reserved.

To receive this report via email each week subscribe at:

[http://www.nass.usda.gov/Statistics\\_by\\_State/Alaska/Subscribe\\_to\\_AK\\_Reports/index.asp](http://www.nass.usda.gov/Statistics_by_State/Alaska/Subscribe_to_AK_Reports/index.asp)

If you would like to be taken off the mail list send an email to: [suzan.benz@nass.usda.gov](mailto:suzan.benz@nass.usda.gov)

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