



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

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ALASKA: There were 6.0 days suitable for fieldwork last week. Topsoil moisture supplies were reported as 100% adequate. Subsoil moisture supplies were also reported as 100% adequate. Barley was reported as 80% harvested. Last year at this time 100% of the barley crop was harvested; the 5 year average is 90%. Oats were reported as 10% harvested. Second cutting of hay was 55% complete. Potatoes were reported as 50% harvested. Condition of pasture was reported 5% poor, 20% fair, 65% good, 10% excellent. Winter supplies of hay were reported as 75% adequate, 25% surplus. Wind and rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were harvesting barley, oats, hay, potatoes and vegetables, baling straw and forage oats, weed control, farm maintenance.

CROP WEATHER SUMMARY

September 15 – September 21, 2014

Days Suitable for Fieldwork: 6.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	0%	0%
Adequate	100%	100%
Surplus	0%	0%
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd		0.41

TANANA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil and subsoil moisture supplies were both reported as 100% adequate. Barley was reported as 80% harvested. Oats were reported as 10% harvested. Second cutting of hay was 80% complete. Potatoes were reported as 60% harvested. Condition of pasture was reported 10% poor, 30% fair, 40% good, 20% excellent. Winter supplies of hay were reported as 50% adequate, 50% surplus. Wind and rain damage to crops was reported as 100% none. Farm activities for the week included harvesting barley, oats, hay, and potatoes, baling straw and forage oats, cleaning out high tunnels and gardens.

MATANUSKA VALLEY: An average of 6.0 days was suitable for fieldwork. Topsoil and subsoil moisture supplies were both reported as 100% adequate. Second cutting of hay was 40% complete. Small grain harvest continued. Potatoes were reported as 40% harvested. Condition of pasture was reported 10% fair, 85% good, 5% excellent. Winter supplies of hay were reported as 95% adequate, 5% surplus. Wind and rain damage to crops was reported as 90% none, 10% light. Farm activities for the week included harvesting hay, potatoes, vegetables and small grains, weed control, farm maintenance.

KENAI PENINSULA: An average of 0.0 days was suitable for fieldwork as rain stopped field work. Topsoil moisture supplies were reported as 85% adequate, 15% surplus. Subsoil moisture supplies were reported as 95% adequate, 5% surplus. Cutting of hay was reported as 100% complete. Condition of pasture was reported 10% fair, 90% good. Winter supplies of hay were reported as 100% adequate. Farm activities for the week included waiting out the rain, farm maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	53	48	na	45	39	na	62	42	0.25
Sawmill Creek	45	40	47	na	na	na	74	28	0.00
Plant Materials Center	51	51	50	51	50	46	61	40	0.29

^{1/} 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 15 - September 21, 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.....	76	36	52	+9	0.42	1	14.19	+7.87	46	1,005	+63	2,341
Fairbanks-Eielson	74	27	49	+5	0.24	1	12.29	+4.36	42	695	-202	1,915
Nenana	74	33	51	+10	0.62	3	15.38	+9.32	51	810	+6	2,075
Fort Greely-Allen	70	33	52	+9	0.01	1	9.52	+0.72	53	724	-131	1,966
Healy River Airport	68	37	51	+8	0.43	7	9.51	+0.27	76	579	-91	1,827
Gulkana Airport	68	30	50	+8	0.14	2	7.84	+1.04	47	429	-56	1,701
Sutton	60	42	49	+5	1.94	7	15.93	+6.48	91	451	-61	1,787
Palmer	63	43	51	+4	0.25	4	7.99	-0.20	55	761	+88	2,169
Talkeetna	65	43	52	+7	1.84	7	11.85	-3.11	59	712	+50	2,075
Willow Airport	62	45	52	+5	1.54	7	14.28	+6.33	83	827	+170	2,242
Anchorage International	61	46	52	+5	1.56	6	13.19	+4.74	60	885	+205	2,303
Kenai.....	58	40	50	+4	2.14	7	13.84	+5.11	70	493	+95	1,784
Homer.....	62	41	54	+7	1.02	6	9.46	+1.32	62	705	+348	2,097
Kodiak.....	62	41	51	+3	2.77	5	23.93	-1.62	64	607	+218	1,953

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 or call 1-888-798-9955.

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