



Crop Progress and Condition



National Agricultural Statistics Service

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ALASKA: There were 6.0 days suitable for fieldwork last week. Conditions remain dry as the most of the major growing areas received less than an inch of rain last week. Topsoil moisture supplies were reported as 25% very short, 50% short, 25% adequate. Subsoil moisture supplies were listed as 15% very short, 50% short, 35% adequate. Barley was reported as 100% planted; 99% emerged. Oats were reported as 98% planted; 80% emerged. Potatoes were reported as 100% planted and less than 5% emerged. Condition of all hay was reported 10% very poor, 20% poor, 30% fair, 40% good. Rate of crop growth was reported as 50% slow, 50% moderate. The main farm activities for the week were planting potatoes and vegetables, finishing up seeding of small grains, seeding forage crops, irrigating, weed control, farm maintenance.

CROP WEATHER SUMMARY

June 2 – June 8, 2014

Days Suitable for Fieldwork: 6.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	25%	15%
Short	50%	50%
Adequate	25%	35%
Surplus	0%	0%
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd		1.46

TANANA VALLEY: An average of 5.0 days was suitable for fieldwork. Topsoil moisture was reported as 30% very short, 70% short. Subsoil moisture was reported as 20% very short, 60% short, 20% adequate. Barley was reported as 100% planted; 100% emerged. Oats were reported as 97% planted; 80% emerged. Potatoes were reported as 100% planted. Condition of all hay was reported as 20% very poor, 40% poor, 40% fair. Rate of crop growth was reported as 50% slow, 50% moderate. Farm activities for the week included planting forage crops and vegetables, spraying for weeds, spreading manure on fallow ground, irrigating, fence construction and maintenance.

MATANUSKA VALLEY: An average of 6.5 days was suitable for fieldwork. Topsoil moisture was reported as 25% very short, 20% short, 55% adequate. Subsoil moisture was reported as 10% very short, 40% short, 50% adequate. Potato planting was reported as 100% complete with a few fields beginning to emerge. Condition of all hay was reported as 5% poor, 25% fair, 70% good. Rate of crop growth was reported as 50% slow, 50% moderate. Farm activities for the week included planting potatoes and vegetables, irrigating, weed control, farm maintenance.

KENAI PENINSULA: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% short, 80% adequate. Subsoil moisture was reported as 15% short, 85% adequate. Condition of all hay was reported as 5% poor, 15% fair, 80% good. Rate of crop growth was reported as 100% moderate. Farm activities for the week included weed control, 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	49	na	56	56	na	70	37	0.42
Sawmill Creek	44	44	51	na	na	na	75	31	0.46
Plant Materials Center	53	49	na	51	54	na	72	38	0.11

^{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: June 2 - June 8, 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.....	77	42	56	-2	0.25	3	0.31	-0.61	7	132	+29	470
Fairbanks-Eielson	76	37	53	-5	0.00	0	0.00	-1.05	0	73	-24	347
Nenana	76	39	54	-3	0.50	1	0.56	+0.03	4	79	+0	377
Fort Greely-Allen	73	37	51	-5	0.29	2	0.43	-0.84	5	68	-41	364
Healy River Airport	70	37	51	-3	0.21	3	0.38	-0.84	7	43	-9	329
Gulkana Airport	68	30	49	-2	0.28	1	0.45	-0.47	2	18	-11	336
Sutton	67	37	50	-2	0.38	3	1.42	+0.28	10	32	-2	360
Palmer	70	37	53	-2	0.45	2	0.72	-0.21	4	117	+53	491
Talkeetna	71	37	53	+1	0.11	2	1.23	-0.97	9	74	+29	421
Willow Airport	71	40	54	+2	0.32	3	1.28	+0.44	9	105	+71	476
Anchorage International	70	40	53	+2	0.22	2	0.68	-0.26	7	121	+69	493
Kenai.....	69	32	48	-1	0.21	2	1.20	+0.01	9	32	+14	301
Homer.....	64	37	49	+2	0.36	3	1.43	+0.12	11	44	+29	386
Kodiak.....	61	39	49	+2	3.76	3	4.95	-2.92	9	55	+37	372

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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