

United States Department of Agriculture National Agricultural Statistics Service

Alaska Crop Weather



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GENERAL: There were 4.0 days suitable for fieldwork last week. Topsoil moisture supplies were reported as 40% short, 60% adequate. Subsoil moisture supplies were 15% very short, 35% short, 50% adequate. Barley was reported as 40% harvested. Oats were reported as 5% harvested. Potato harvest was 5% complete. Second cutting hay harvest was 45% complete. Wind or rain damage was reported as 95% none, 5% light. Condition of barley was reported as 5% very poor, 30% poor, 35% fair, 30% good. Condition of oats was reported as 5% very poor, 20% poor, 40% fair, 35% good. Condition of hay was reported as 5% very poor, 20% poor, 35% fair, 40% good. Condition of potatoes was reported as 25% fair, 60% good, 15% excellent. Condition of pasture was

CROP WEATHER SUMMARY August 26 – September 1, 2013							
Days Suitable for Fieldwork: 4.0							
Crop	Topsoil Moisture	Subsoil Moisture					
Very Short	0%	15%					
Short	40%	35%					
Adequate	60%	50%					
Surplus	0%	0%					
Pan Evaporation*, Trunk Rd	na						

reported as 10% very poor, 20% poor, 35% fair, 35% good. The main **farm activities** for the week were harvesting hay, small grains and vegetables, weed control, equipment and fence maintenance.

TANANA VALLEY: An average of 4.0 days was suitable for fieldwork. Topsoil moisture was reported as 55% short, 45% adequate. Subsoil moisture was reported as 25% very short, 30% short, 45% adequate. Barley was reported as 40% harvested. Oats were reported as 5% harvested. Potato harvest was 10% complete. Second cutting hay harvest was 85% complete. Wind or rain damage was reported as 95% none, 5% light. Condition of barley was reported as 5% very poor, 30% poor, 35% fair, 30% good. Condition of oats was reported as 5% very poor, 25% poor, 45% fair, 25% good. Condition of hay was reported as 15% very poor, 15% poor, 45% fair, 25% good. Condition of potatoes was reported as 20% fair, 45% good, 35% excellent. Condition of pasture was reported as 10% very poor, 30% poor, 50% fair, 10% good. Farm activities for the week included harvesting small grain, CRP hay acres, hay and vegetables, baling straw, general farm maintenance.

MATANUSKA VALLEY: An average of 3.5 days was suitable for fieldwork. Topsoil moisture was reported as 25% short, 75% adequate. Subsoil moisture was reported as 5% very short, 45% short, 50% adequate. Potato harvest was 5% complete. Second cutting hay harvest was 10% complete. Wind or rain damage was reported as 90% none, 10% light. Condition of hay was reported as 25% poor, 35% fair, 40% good. Condition of potatoes was reported as 25% fair, 75% good. Condition of pasture was reported as 10% very poor, 15% poor, 30% fair, 45% good. Farm activities for the week included weed control, harvesting hay and vegetables, fence and equipment maintenance.

KENAI PENINSULA: An average of **5.0** days was suitable for fieldwork. Topsoil and subsoil moisture were reported as 100% adequate. First cutting hay harvest was 100% complete. No wind or rain damage was reported. Condition of hay was reported as 100% good. Condition of pasture was reported as 100% good. Farm activities for the week included weed control, equipment maintenance.

*PAN EVAPORATION: 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.

Soil Temperatures (F⁰) at 4 inch depth

		Grass		Fallow land			Tempe	Precip.	
	2013	2012	2011	2013	2012	2011	High	Low	(inches)
UAF-AFES, Trunk Rd	na	57	58	na	55	na	na	na	na
Sawmill Creek	51	51	51	na	na	na	67	25	0.19
Plant Materials Center	57	51	50	55	49	48	68	36	1.13

na – not available.

Weather Summary For Alaska Agricultural Statistics Service Prepared By AWIS.com from NWS preliminary data

For the Period:

iod: Monday August 26, 2013 To: Sunday September 1, 2013

	LAST WEEK WEATHER SUMMARY TEMPERATURE PRECIPITATION					May 1, 13 - September 1, 13					GDD BASE 40F	
STATION	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL			TOTAL	DFN	TOT
Fairbanks_Intl	66	34	50	-3	0.10	3	3.66	-1.86	27	1341	+416	2378
Fairbanks/Eiels	65	27	48	-6	0.39	3	3.29	-3.71	25	1073	+193	2092
Nenana_Muni_AM	65	30	48	-4	0.28	3	4.51	-0.92	32	1122	+331	2139
Ftgreely/Allen	66	30	48	-5	0.54	3	4.39	-3.69	33	1116	+297	2121
Healy_River_Air	65	31	48	-4	0.20	4	3.81	-4.35	46	974	+318	1984
Gulkana_Arpt_A	68	28	50	+2	0.76	3	5.57	-0.23	35	824	+357	1845
Sutton	64	38	52	+0	0.87	5	9.21	+1.92	59	687	+201	1703
Palmer_Municipa	65	39	53	-1	0.98	4	5.99	-0.41	37	885	+251	1948
Talkeetna	69	35	53	+2	0.33	3	10.61	-1.37	39	964	+327	1999
Willow_Airport	67	41	54	+1	0.77	4	8.18	+2.05	56	994	+356	2052
Anchorage_Intl	67	42	56	+3	0.66	5	7.86	+1.37	42	981	+343	2046
Kenai Municipal	67	39	53	+1	0.69	2	10.24	+3.73	47	455	+87	1457
Homer	65	41	55	+4	0.96	3	5.89	+0.03	46	545	+222	1561
Kodiak	69	50	57	+4	2.58	2	16.86	-3.64	55	593	+241	1585

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