



Alaska Crop Weather

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RELEASED: July 16, 2012

GENERAL: There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 90% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 10% short, 90% adequate. **Barley** was reported as 85% headed. **Oats** were reported as 20% headed. **Hay** harvest was 45% complete. **Crop growth** was reported as 5% slow, 80% moderate, 15% rapid. **Wind or rain damage** to crops was reported as 80% none, 10% light, 10% moderate. **Condition of the barley crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of the oat crop** was listed as 20% fair, 60% good, 20% excellent. **Condition of all hay** was listed as 10% poor, 35% fair, 50% good, 5% excellent. **Condition of potatoes** was listed as 20% fair, 70% good, 10% excellent. The main **farm activities** for the week were harvesting hay, weed control, working fallow ground, equipment repair.

CROP WEATHER SUMMARY		
July 9 – July 15, 2012		
Days Suitable for Fieldwork: 5.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	5%	10%
Adequate	90%	90%
Surplus	5%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.471

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** was reported at 100% adequate. **Barley** was reported as 90% headed. **Oats** were reported as 25% headed. **Hay** harvest was 50% complete. **Crop growth** was reported as 70% moderate, 30% rapid. **Wind or rain damage** to crops was reported as 80% none, 10% light, 10% moderate. **Condition of the barley crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of all hay** was listed as 10% poor, 35% fair, 45% good, 10% excellent. **Condition of potatoes** was listed as 30% fair, 60% good, 10% excellent. **Farm activities** for the week included harvesting hay, working fallow ground, weed control.

MATANUSKA VALLEY: An average of **4.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 80% adequate, 5% surplus. **Subsoil moisture** was reported at 25% short, 75% adequate. **Hay** harvest was 45% complete. **Crop growth** was reported as 15% slow, 85% moderate. **Wind or rain damage** to crops was reported as 75% none, 15% light, 10% moderate. **Condition of all hay** was listed as 15% poor, 25% fair, 60% good. **Condition of potatoes** was listed as 10% fair, 80% good, 10% excellent. **Farm activities** for the week included harvesting hay, weed control, equipment repair.

KENAI PENINSULA: An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported at 100% adequate. **Hay** harvest was 25% complete. **Condition of all hay** was listed as 75% fair, 25% good. **Crop growth** was reported as 100% moderate. **Farm activities** for the week included waiting to harvest hay, weed control, equipment repair.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	57	60	59	na	62	59	64	43	0.18
Sawmill Creek	56	50	55	na	na	na	71	32	0.54
Plant Materials Center	52	57	40	51	60	na	63	42	0.45

***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. na – not available.

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

For the Period: Monday July 9, 2012
 To: Sunday July 15, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - July 15, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	73	44	58	-6	0.07	2	3.17	+0.35	21	558	+11	1207
Fairbanks/Eiels	73	37	56	-7	0.06	1	3.91	+0.40	30	442	-71	1066
Nenana_Muni_AM	70	37	55	-7	0.01	1	4.22	+1.84	22	451	-14	1079
Ftgreely/Allen	68	45	56	-6	0.45	3	4.84	+0.26	28	371	-95	973
Healy_River_Air	66	38	53	-7	0.12	3	4.41	-0.05	37	303	-60	903
Gulkana_Arpt_A	65	39	51	-8	0.90	3	4.10	+1.06	41	138	-87	635
Sutton	60	41	51	-7	0.63	7	5.43	+2.05	52	104	-125	648
Palmer_Municipa	64	42	53	-5	0.35	5	2.47	-0.50	29	211	-112	826
Talkeetna	65	41	53	-7	0.35	4	3.16	-2.37	34	241	-82	844
Willow_Airport	63	44	54	-6	0.61	7	4.70	+2.23	43	251	-41	885
Anchorage_Intl	62	47	54	-5	0.64	5	2.75	+0.28	23	227	-76	846
Kenai_Municipal	63	35	51	-5	0.37	5	3.07	+0.26	31	76	-75	628
Homer	57	36	49	-6	0.07	2	2.87	+0.20	28	18	-102	440
Kodiak	57	46	50	-4	1.73	6	9.76	-4.00	46	63	-53	551

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