



Alaska Crop Weather

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RELEASED: August 6, 2012

GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were also listed as 10% short, 90% adequate. **Barley** was reported as 20% turning color. **Oats** were reported as 40% in dough. **Hay** harvest was 90% complete. **Wind or rain damage** to crops was reported as 95% none, 5% light. **Condition of the barley crop** was listed as 10% fair, 60% good, 30% excellent. **Condition of the oat crop** was listed as 15% fair, 60% good, 25% excellent. **Condition of all hay** was listed as 5% poor, 45% fair, 45% good, 5% excellent. **Condition of potatoes** was listed as 20% fair, 70% good, 10% excellent. **Condition of range and pasture** was listed as 5% very poor, 5% poor, 20% fair, 60% good, 10% excellent. The main **farm activities** for the week were harvesting hay and grass seed, weed control, CRP maintenance, working fallow ground, equipment repair.

CROP WEATHER SUMMARY		
July 30 – August 5, 2012		
Days Suitable for Fieldwork: 5.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	10%
Adequate	90%	90%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 85% adequate. **Subsoil moisture** was reported as 10% short, 90% adequate. **Barley** was reported as 20% turning color. **Oats** were reported as 40% in dough. **Hay** harvest was 90% complete. **Wind or rain damage** to crops was reported as 90% none, 10% light. **Condition of the barley crop** was listed as 10% fair, 60% good, 30% excellent. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of all hay** was listed as 5% poor, 45% fair, 40% good, 10% excellent. **Condition of potatoes** was listed as 30% fair, 60% good, 10% excellent. **Farm activities** for the week included harvesting hay and grass seed, CRP maintenance, equipment repair.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported at 15% short, 85% adequate. **Hay** harvest was 90% complete. No **wind or rain damage** to crops was reported. **Condition of all hay** was listed as 10% poor, 25% fair, 65% good. **Condition of potatoes** was listed as 10% fair, 80% good, 10% excellent. **Farm activities** for the week included harvesting hay and vegetables, weed control, equipment repair.

KENAI PENINSULA: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was also reported as 100% adequate. **Subsoil moisture** was reported at 100% adequate. First cutting **hay** harvest was 100% complete. No **wind or rain damage** to crops was reported. **Condition of all hay** was listed as 100% fair. **Farm activities** for the week included harvesting hay and peonies, 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	na	61	63	na	59	61	na	na	na
Sawmill Creek	54	55	55	na	na	na	77	39	0.08
Plant Materials Center	na	58	na	na	57	na	65	43	0.40

***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 30, 2012
 To: Sunday August 5, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - August 5, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	77	43	57	-3	0.02	1	4.56	+0.48	31	757	-25	1616
Fairbanks/Eiels	77	42	56	-4	0.51	5	6.32	+1.19	43	619	-120	1453
Nenana_Muni_AM	75	40	57	-3	0.05	3	5.50	+1.65	32	633	-38	1470
Ftgreely/Allen	72	41	57	-3	0.15	3	5.60	-0.79	38	558	-118	1370
Healy_River_Air	68	42	54	-5	0.23	5	5.45	-0.73	50	443	-102	1252
Gulkana_Arpt_A	66	34	51	-5	0.22	2	4.55	+0.25	48	267	-101	972
Sutton	64	45	52	-5	0.60	6	6.68	+1.66	65	205	-166	959
Palmer_Municipa	69	47	55	-3	0.60	5	3.83	-0.61	40	362	-128	1187
Talkeetna	67	46	54	-5	1.47	6	5.77	-2.27	44	392	-112	1205
Willow_Airport	67	49	56	-3	0.61	6	6.03	+2.14	55	415	-65	1259
Anchorage_Intl	67	49	56	-3	0.64	4	4.32	+0.39	32	386	-96	1215
Kenai_Municipal	62	46	53	-3	0.92	6	5.07	+0.89	43	165	-97	927
Homer	58	42	51	-4	0.52	5	4.07	+0.27	37	52	-170	675
Kodiak	63	46	53	-3	0.91	6	11.08	-5.25	57	141	-83	839

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