



Alaska Crop Weather

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GENERAL: There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 15% short, 80% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 15% short, 85% adequate. **Barley** was reported as 30% harvested. **Oats** were reported as 40% ripe. **Second cutting hay** harvest was reported as 25% complete. **Potato** harvest was reported as 5% 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 15% fair, 60% good, 25% excellent. **Condition of all hay** was listed as 5% poor, 40% fair, 50% good, 5% excellent. **Condition of potatoes** was listed as 25% fair, 70% good, 5% excellent. **Condition of range and pasture** was listed as 5% very poor, 5% poor, 35% fair, 55% good. The main **farm activities** for the week were harvesting hay, barley, grass seed, vegetables and potatoes, baling straw, CRP maintenance, equipment repair.

CROP WEATHER SUMMARY		
August 27 – September 2, 2012		
Days Suitable for Fieldwork: 5.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	15%	15%
Adequate	80%	85%
Surplus	5%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.72

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 25% short, 75% adequate. **Barley** was reported as 30% harvested. **Oats** were reported as 40% ripe. **Second cutting hay** was 50% 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, 35% fair, 50% good, 10% excellent. **Condition of potatoes** was listed as 45% fair, 50% good, 5% excellent. **Condition of range and pasture** was listed as 15% very poor, 15% poor, 30% fair, 40% good. **Farm activities** for the week included harvesting hay, barley, grass seed, seed potatoes, baling straw, CRP maintenance, equipment maintenance.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 90% adequate, 10% surplus. **Subsoil moisture** was reported at 5% short, 95% adequate. **Second cutting hay** harvest was 100% complete. **Wind or rain damage** to crops was reported as 90% none, 10% light. **Condition of all hay** was listed as 10% poor, 30% fair, 60% good. **Condition of potatoes** was listed as 10% fair, 85% good, 5% excellent. **Condition of range and pasture** was listed as 20% fair, 80% good. **Farm activities** for the week included harvesting hay, grass seed and vegetables, weed control, equipment repair.

KENAI PENINSULA: An average of **5.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 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. **Condition of range and pasture** was listed as 100% fair. **Farm activities** for the week included preparing for second hay harvest, 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	55	na	58	49	na	54	66	41	1.51
Sawmill Creek	51	51	52	na	na	na	71	26	0.33
Plant Materials Center	51	50	51	49	48	na	58	35	0.29

***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 August 27, 2012
 To: Sunday September 2, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - September 2, 12					GDD BASE 40F
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		TOT	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL		DFN
Fairbanks_Intl	72	40	52	+0	0.85	5	5.92	+0.31	42	928	-1	2065
Fairbanks/Eiels	74	37	51	-2	0.87	4	7.42	+0.31	51	746	-138	1850
Nenana_Muni_AM	68	37	51	+1	1.71	6	7.87	+2.36	44	774	-21	1884
Ftgreely/Allen	73	31	51	-1	0.32	4	6.50	-1.67	47	744	-80	1821
Healy_River_Air	63	34	49	-3	0.71	6	6.63	-1.64	65	563	-97	1640
Gulkana_Arpt_A	65	25	47	-4	1.34	4	6.26	+0.37	61	334	-137	1282
Sutton	63	37	50	-2	0.86	5	8.42	+0.95	80	296	-194	1327
Palmer_Municipa	67	41	54	+1	1.40	5	6.21	-0.35	53	526	-114	1631
Talkeetna	64	34	49	-3	1.79	6	8.85	-3.41	58	537	-105	1624
Willow_Airport	65	40	53	-1	0.93	5	7.93	+1.63	71	596	-48	1720
Anchorage_Intl	66	42	54	+1	0.71	5	5.93	-0.74	46	575	-70	1684
Kenai_Municipal	67	33	50	-2	0.79	6	6.08	-0.62	59	252	-121	1285
Homer	69	40	54	+3	1.31	4	6.03	+0.01	49	121	-208	1014
Kodiak	69	43	56	+3	0.61	2	13.95	-6.78	72	251	-107	1226

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