



Alaska Crop Weather

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GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 15% short, 85% adequate. **Subsoil moisture** supplies were listed as 20% short, 80% adequate. **Barley** was reported as 70% harvested. **Oats** were reported as 60% ripe. **Second cutting hay** harvest was reported as 50% complete. **Potato** harvest was reported as 15% complete. **Wind or rain damage** to crops was reported as 80% none, 15% light, 5% moderate. **Condition of all hay** was listed as 10% poor, 35% fair, 50% good, 5% excellent. **Condition of potatoes** was listed as 30% fair, 70% good. **Condition of range and pasture** was listed as 5% very poor, 10% poor, 40% fair, 45% good. The main **farm activities** for the week were harvesting hay, barley, vegetables and potatoes, baling straw, CRP maintenance, equipment repair.

CROP WEATHER SUMMARY		
September 3 – September 9, 2012		
Days Suitable for Fieldwork: 5.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	15%	20%
Adequate	85%	80%
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 25% short, 75% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Barley** was reported as 70% harvested. **Oats** were reported as 60% ripe. **Second cutting hay** was 85% complete. **Wind or rain damage** to crops was reported as 80% none, 10% light, 10% moderate. **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, 25% poor, 40% fair, 20% good. **Farm activities** for the week included harvesting hay, barley, potatoes, baling straw, CRP maintenance, equipment maintenance.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported at 5% short, 95% adequate. **Second cutting hay** harvest was 30% complete. **Wind or rain damage** to crops was reported as 85% none, 10% light, 5% moderate. **Condition of all hay** was listed as 15% poor, 25% fair, 60% good. **Condition of potatoes** was listed as 20% fair, 80% good. **Condition of range and pasture** was listed as 20% fair, 80% good. **Farm activities** for the week included harvesting hay, small grains and vegetables, weed control, equipment repair.

KENAI PENINSULA: An average of **4.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 100% adequate. **First cutting hay** harvest was 100% complete. **Wind or rain damage** to crops was reported as 100% light. **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 weed control, equipment maintenance.

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	na	58	na	na	55	na	na	na
Sawmill Creek	46	49	49	na	na	na	65	26	0.00
Plant Materials Center	43	48	52	35	50	na	na	na	na

***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 September 3, 2012
 To: Sunday September 9, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - September 9, 12					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
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Fairbanks_Intl	65	29	49	-1	0.16	5	6.08	+0.19	47	942	+3	2126
Fairbanks/Eiels	65	26	49	-1	0.18	2	7.60	+0.14	53	764	-130	1913
Nenana_Muni_AM	68	30	49	+1	0.25	3	8.12	+2.36	47	791	-12	1950
Ftgreely/Allen	62	36	50	+2	0.00	0	6.50	-1.95	47	760	-80	1890
Healy_River_Air	57	32	47	-2	0.26	4	6.89	-1.79	69	564	-104	1691
Gulkana_Arpt_A	59	29	47	+0	0.08	2	6.34	+0.10	63	337	-143	1331
Sutton	55	34	47	-3	0.85	6	9.27	+1.03	86	296	-207	1379
Palmer_Municipa	62	34	50	-2	0.27	3	6.48	-0.71	56	537	-121	1701
Talkeetna	59	31	47	-4	1.54	5	10.39	-2.92	63	538	-117	1675
Willow_Airport	58	36	50	-2	0.87	5	8.80	+1.85	76	605	-50	1793
Anchorage_Intl	60	39	52	+1	0.40	4	6.33	-1.04	50	591	-73	1767
Kenai_Municipal	58	37	49	-2	0.69	4	6.77	-0.70	63	254	-133	1346
Homer	59	39	51	+0	0.66	6	6.69	-0.10	55	131	-212	1089
Kodiak	62	35	49	-3	0.58	5	14.53	-7.86	77	255	-120	1292

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