



Alaska Crop Weather

PO Box 799 · Palmer, AK 99645
(907) 745-4272 · (907) 746-4654 FAX · www.nass.usda.gov/ak

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GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 20% short, 65% adequate, 15% surplus. **Subsoil moisture** supplies were listed as 25% short, 70% adequate, 5% surplus. **Barley and oats** were reported as 100% harvested. **Second cutting hay** harvest was reported as 80% complete. **Potato** harvest was reported as 85% complete. **Wind or rain damage** to crops was reported as 90% none, 5% light, 5% moderate. The main **farm activities** for the week were finishing up the small grain harvest; harvesting hay, potatoes and vegetables; equipment maintenance and winterization.

CROP WEATHER SUMMARY		
September 24 – September 30, 2012		
Days Suitable for Fieldwork: 5.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	20%	25%
Adequate	65%	70%
Surplus	15%	5%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 40% short, 60% adequate. **Subsoil moisture** was reported as 45% short, 55% adequate. **Barley and oats** were reported as 100% harvested. **Second cutting hay** was also 100% complete. **Potato** harvest was reported as 100% complete. **Wind or rain damage** to crops was reported as 100% none. **Farm activities** for the week included finishing the small grains and potato harvests, harvesting forage oats, winterizing equipment.

MATANUSKA VALLEY: An average of **4.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 85% adequate, 15% surplus. **Subsoil moisture** was reported at 100% adequate. **Second cutting hay** harvest was 75% complete. **Potato** harvest was reported as 80% complete. **Wind or rain damage** to crops was reported as 90% none, 5% light, 5% moderate. **Farm activities** for the week included harvesting hay, small grains and vegetables; cleaning seed; equipment and building maintenance.

KENAI PENINSULA: An average of **3.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% surplus. **Subsoil moisture** was also reported as 100% surplus. **Wind or rain damage** to crops was reported as 50% light, 50% moderate. **Farm activities** for the week included finishing up harvests, winterizing equipment.

Soil Temperatures (F^o) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	na	48	47	na	47	41	na	na	na
Sawmill Creek	40	43	36	na	na	na	63	23	0.00
Plant Materials Center	43	42	39	41	40	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 24, 2012
 To: Sunday September 30, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - September 30, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	61	28	43	+6	0.00	0	6.46	-0.15	51	958	+19	2241
Fairbanks/Eiels	63	25	41	+5	0.00	0	7.84	-0.43	55	785	-110	2017
Nenana_Muni_AM	64	23	42	+7	0.01	1	8.27	+2.01	51	808	+7	2070
Ftgreely/Allen	63	27	45	+8	0.02	1	6.62	-2.46	50	799	-59	2047
Healy_River_Air	58	27	42	+6	0.06	2	7.81	-1.89	79	574	-95	1793
Gulkana_Arpt_A	59	21	44	+7	0.01	1	6.63	-0.59	68	360	-125	1460
Sutton	52	29	43	+2	1.35	7	14.35	+4.00	104	300	-212	1495
Palmer_Municipa	57	30	45	+3	0.80	3	10.22	+1.24	67	556	-121	1872
Talkeetna	58	28	44	+4	0.99	4	19.49	+3.23	77	542	-120	1790
Willow_Airport	54	31	45	+3	1.24	7	14.21	+5.40	94	615	-42	1963
Anchorage_Intl	54	31	45	+3	0.88	5	11.61	+2.29	66	608	-76	1948
Kenai_Municipal	53	31	45	+3	0.43	2	13.49	+3.70	77	259	-141	1492
Homer	54	28	46	+2	0.60	5	10.96	+1.77	72	162	-205	1294
Kodiak	57	27	45	-2	3.62	7	23.57	-4.65	96	270	-121	1467

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USDA/NASS/Alaska Field Office
 PO Box 799
 Palmer, AK 99645