



Alaska Crop Weather

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

Released: September 17, 2012

GENERAL: There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 15% short, 70% adequate, 15% surplus. **Subsoil moisture** supplies were listed as 20% short, 80% adequate. **Barley** was reported as 80% harvested. **Oats** were reported as 10% harvested. **Second cutting hay** harvest was reported as 60% complete. **Potato** harvest was reported as 35% complete. **Winter supplies of hay** were rated 25% short, 75% adequate. **Wind or rain damage** to crops was reported as 80% none, 10% light, 10% moderate. **Condition of range and pasture** was listed as 5% very poor, 10% poor, 35% fair, 50% good. The main **farm activities** for the week were harvesting hay, small grains, vegetables and potatoes, baling straw, cleaning up after recent wind storms, equipment maintenance.

CROP WEATHER SUMMARY		
September 10 – September 16, 2012		
Days Suitable for Fieldwork: 6.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	15%	20%
Adequate	70%	80%
Surplus	15%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 30% short, 70% adequate. **Subsoil moisture** was reported as 40% short, 60% adequate. **Barley** was reported as 80% harvested. **Oats** were reported as 10% harvested. **Second cutting hay** was 90% complete. **Winter supplies of hay** were listed as 100% adequate. **Potato** harvest was reported as 50% complete. **Wind or rain damage** to crops was reported as 75% none, 5% light, 20% moderate. **Condition of range and pasture** was listed as 15% very poor, 25% poor, 40% fair, 20% good. **Farm activities** for the week included harvesting small grains and potatoes, baling straw, soil testing, cleaning up after recent wind storms, equipment maintenance.

MATANUSKA VALLEY: An average of **4.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 80% adequate, 20% surplus. **Subsoil moisture** was reported at 100% adequate. **Second cutting hay** harvest was 40% complete. **Potato** harvest was reported as 25% complete. **Wind or rain damage** to crops was reported as 90% none, 10% light. **Winter supplies of hay** were listed as 30% short, 70% adequate. **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, cleaning up after recent wind/rain storms, equipment maintenance.

KENAI PENINSULA: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% surplus. **Subsoil moisture** was reported as 100% adequate. **Winter supplies of hay** were listed as 100% short. **Wind or rain damage** to crops was reported as 100% light. **Condition of range and pasture** was listed as 50% fair, 50% good. **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	55	na	na	44	na	na	na
Sawmill Creek	45	47	49	na	na	na	56	22	0.00
Plant Materials Center	48	48	48	44	46	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 10, 2012
 To: Sunday September 16, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - September 16, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	59	26	42	-4	0.05	1	6.13	-0.04	48	942	+0	2146
Fairbanks/Eiels	61	21	40	-7	0.00	0	7.60	-0.16	53	764	-133	1922
Nenana_Muni_AM	56	27	42	-3	0.00	0	8.12	+2.15	47	791	-13	1968
Ftgreely/Allen	56	25	41	-6	0.01	1	6.51	-2.16	48	760	-90	1901
Healy_River_Air	54	29	42	-4	0.29	2	7.18	-1.85	71	564	-106	1708
Gulkana_Arpt_A	55	20	40	-5	0.03	1	6.37	-0.22	64	337	-148	1343
Sutton	56	30	44	-4	0.92	4	10.19	+1.18	90	296	-214	1407
Palmer_Municipa	61	29	47	-3	0.21	3	6.69	-1.13	59	538	-131	1749
Talkeetna	59	27	44	-4	1.88	3	12.27	-2.09	66	538	-124	1703
Willow_Airport	60	32	47	-3	1.02	4	9.82	+2.24	80	605	-52	1844
Anchorage_Intl	61	34	48	-1	1.21	4	7.54	-0.53	54	594	-82	1825
Kenai_Municipal	61	27	46	-2	1.57	5	8.34	+0.08	68	254	-140	1390
Homer	61	32	49	+1	0.71	5	7.40	-0.22	60	134	-219	1153
Kodiak	60	34	48	-2	1.15	5	15.68	-8.55	82	259	-126	1352

For more weather information visit www.awis.com
 or call 1-888-798-9955.

Copyright 2012: Agricultural Weather Information Service, Inc.
 All rights reserved.

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