

ALASKA CROP-WEATHER

Alaska Division of Agriculture
Alaska Cooperative Extension
Ag & Forestry Experiment Station



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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P.O. Box 799
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RELEASED: September 28, 2009

GENERAL: There were **4.0 days suitable for fieldwork** last week. Most areas of the State had temperatures dip into the 20's. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were listed as 35% short, 65% adequate. **Barley** was reported as 99% harvested. **Oats** were 85% harvested. **Potatoes** were also reported as 85% harvested. **Second cutting of hay** was 95% complete. **Winter supplies of hay** were listed as 25% short, 75% adequate. **Range and pasture** condition was reported as 15% poor, 35% fair, 45% good, 5% excellent. **Wind or rain damage** was 95% none, 5% light. The main **farm activities** for the week were harvesting hay, grains, fencing, machinery maintenance.

CROP WEATHER SUMMARY September 21 - September 27, 2009		
DAYS SUITABLE FOR FIELDWORK: 4.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	35%
ADEQUATE	95%	65%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/21 - 09/27 MAT AES SITE: 0.822		

TANANA VALLEY: An average of **4.0 days was suitable for fieldwork**. A wet snow slowed progress of the harvest. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported as 50% short, 50% adequate. **Barley** was reported as 100% harvested. **Oats** were 90% harvested. **Potatoes** were reported as 75% harvested. **Second cutting of hay** was 95% complete. **Winter supplies of hay** were listed as 30% short, 70% adequate. **Range and pasture** condition was reported as 15% poor, 35% fair, 50% good. No **wind or rain damage** was reported. **Farm activities** for the week included harvesting small grains, haylage, potatoes, fencing and preparing equipment for winter.

MATANUSKA VALLEY: An average of **4.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 15% short, 85% adequate. **Potatoes** were reported as 90% harvested. **Second cutting of hay** was 90% complete. **Winter supplies of hay** were listed as 20% short, 80% adequate. **Range and pasture** condition was reported as 15% poor, 35% fair, 45% good, 5% excellent. **Wind or rain damage** was 90% none, 5% light, 5% moderate. **Farm activities** for the week included harvesting small grains, hay, potatoes and vegetables, field cultivation, cleaning equipment for winter.

KENAI PENINSULA: An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 90% adequate, 10% surplus. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were 85% harvested. **Second cutting of hay** was 95% complete. **Winter supplies of hay** were listed as 10% short, 90% adequate. **Range and pasture** condition was reported as 30% poor, 30% fair, 30% good, 10% excellent. **Wind or rain damage** was 95% none, 5% light. **Farm activities** for the week were harvesting hay and vegetables, winterizing equipment.

This will be our last report for the season. Our next report will be May 3, 2010.

	Soil Temperatures (F ⁰) at 4 inch depth						<u>Temperature</u>		<u>Precip (inches)</u>
	<u>Grass</u>			<u>Fallow land</u>					
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	46	46	48	42	41	47	55	29	1.14
Sawmill Creek	36	38	na	na	na	na	51	13	0.25
Plant Materials Center	43	41	na	na	na	na	51	27	0.83

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.

Weather Summary For Alaska Agricultural Statistics Service
 Prepared By AWIS.com from NWS preliminary data

For the Period: Monday September 21, 2009
 To: Sunday September 27, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - September 27, 09 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	55	25	38	-2	0.24	2	4.99	-1.51	38	1184	+244	2530
Fairbanks/Eiels	55	21	37	-4	0.37	4	8.43	+0.27	52	865	-31	2133
Nenana_Muni_AM	50	20	35	-5	0.43	4	6.69	+0.51	44	931	+129	2221
Ftgreely/Allen	51	17	34	-7	0.18	3	7.32	-1.66	43	919	+60	2204
Healy_River_Air	50	21	33	-7	0.55	4	8.26	-1.28	71	735	+65	1972
Gulkana_Arpt_A	56	21	38	-2	0.77	5	6.56	-0.51	54	594	+109	1833
Sutton	54	28	41	-3	1.50	6	12.46	+2.43	89	426	-86	1705
Palmer_Municipa	54	31	42	-4	0.18	3	1.80	-6.87	21	756	+79	2154
Talkeetna	61	25	40	-3	1.01	4	10.19	-5.59	56	802	+140	2142
Willow_Airport	54	28	41	-5	1.11	6	9.49	+1.00	77	988	+331	2393
Anchorage_Intl	54	30	43	-3	0.86	4	5.69	-3.30	47	702	+18	2061
Kenai_Municipal	58	24	44	-1	0.55	3	6.37	-3.02	52	549	+149	1884
Homer	57	26	43	-3	0.16	2	6.41	-2.40	54	284	-79	1492
Kodiak	58	29	45	-3	2.91	5	32.85	+5.59	78	364	-27	1595

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