

ALASKA CROP-WEATHER

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



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Alaska Field Office
P.O. Box 799
Palmer, AK 99645

RELEASED: May 18, 2009

GENERAL: There were **5.0 days suitable for fieldwork**. **Topsoil moisture** supplies were reported as 5% short, 90% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 100% adequate. **Fieldwork progress** was reported as zero to eight days behind schedule. **Barley** was reported as 15% planted. **Hay supplies** were rated as 15% short, 85% adequate. **Condition of livestock** was listed as 5% poor, 20% fair, 65% good, 10% excellent. **Range and pasture** condition was reported as 5% poor, 15% fair, 60% good, 20% excellent. The main **farm activities** for the week were seeding barley, spreading fertilizer, field preparation, machinery maintenance.

CROP WEATHER SUMMARY May 11 - May 17, 2009		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	0%
ADEQUATE	90%	100%
SURPLUS	5%	0%
PAN EVAPORATION FOR 05/11 - 05/17 MAT AES SITE: 0.913		

TANANA VALLEY: An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 85% adequate, 5% surplus. **Subsoil moisture supplies** were 100% adequate. **Fieldwork progress** was reported as zero to 2 days behind schedule. **Barley** was reported as 15% planted. Oat and potato planting should begin this week. **Hay supplies** were reported as 15% short, 85% adequate. **Livestock condition** was listed as 5% poor, 30% fair, 55% good, 10% excellent. **Range and pasture** condition was reported as 10% poor, 30% fair, 50% good, 10% excellent. **Farm activities** for the week included seeding barley, tilling fields, spreading fertilizer.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were reported as 100% adequate. **Fieldwork progress** was reported as on schedule. **Potato** planting was underway. **Hay supplies** were reported as 10% short, 90% adequate. **Livestock conditions** were listed at 15% fair, 80% good, 5% excellent. **Range and pasture** condition was reported as 5% fair, 55% good, 40% excellent. Major **farm activities** during the week included field preparation, planting potatoes and vegetables, machinery maintenance, spreading fertilizer.

KENAI PENINSULA: There were **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was reported at 100% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 100% adequate. **Range and pasture** condition was reported as 100% good. Major **farm activities** for the week included field preparation and planting.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	41	37	41	45	47	47	68	32	0.36
Sawmill Creek	33	33	38	na	na	na	57	25	0.58
Plant Materials Center	44	na	43	na	na	na	67	30	0.51

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 May 11, 2009
 To: Sunday May 17, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - May 17, 09 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	59	31	44	-5	0.05	1	0.05	-0.19	1	25	+20	122
Fairbanks/Eiels	57	26	41	-7	0.24	4	0.26	+0.01	5	12	+7	72
Nenana_Muni_AM	59	29	43	-5	0.06	2	0.06	-0.05	2	10	+9	86
Ftgreely/Allen	55	29	41	-7	1.31	3	1.32	+1.08	4	21	-1	95
Healy_River_Air	56	31	42	-4	0.25	5	0.29	+0.04	6	2	+5	67
Gulkana_Arpt_A	57	29	43	-2	0.58	2	0.83	+0.61	4	0	+0	87
Sutton	64	28	45	+0	0.22	3	0.32	-0.05	4	2	+2	96
Palmer_Municipa	69	34	49	+2	0.12	1	0.12	-0.19	1	19	+11	156
Talkeetna	64	30	47	+2	0.06	1	0.06	-0.76	1	0	+2	106
Willow_Airport	64	34	50	+5	0.19	1	0.24	-0.07	2	23	+23	165
Anchorage_Intl	66	34	48	+3	0.35	1	0.36	+0.02	2	12	+8	120
Kenai_Municipal	69	30	47	+4	0.02	1	0.04	-0.47	2	8	+8	115
Homer	67	30	45	+2	0.11	2	0.34	-0.31	4	1	+1	49
Kodiak	68	31	46	+4	0.01	1	0.04	-3.42	3	6	+6	72

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