

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: May 24, 2010

GENERAL: There were **6.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 25% short, 75% adequate. **Subsoil moisture** supplies were listed as 35% short, 65% adequate. **Barley** was reported as 90% planted, 45% emerged. **Oats** were 70% planted, 10% emerged. **Potato** planting was 50% complete statewide. **Winter freeze damage** to grass fields was rated as 85% none, 15% light. **Condition of livestock** was listed as 5% poor, 25% fair, 60% good, 10% excellent. **Pasture and range condition** was listed as 5% poor, 15% fair, 70% good, 10% excellent. The main **farm activities** for the week were seeding small grains, planting potatoes, fertilizing hay and pasture, spreading manure, spraying weeds, preparing machinery and irrigation equipment.

CROP WEATHER SUMMARY May 17 - May 23, 2010		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	25%	35%
ADEQUATE	75%	65%
SURPLUS	0%	0%
PAN EVAPORATION FOR 05/17 - 05/23 MAT AES SITE: 1.017		

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 35% short, 65% adequate. **Subsoil moisture supplies** were 40% short, 60% adequate. **Potato** planting was 30% complete. **Barley** was reported as 90% planted, 45% emerged. **Oats** were 80% planted, 10% emerged. **Livestock conditions** were listed as 35% fair, 55% good, 10% excellent. **Pasture and range condition** was listed as 15% fair, 65% good, 20% excellent. **Farm activities** for the week included spreading manure, fertilizing hay and pasture, seeding small grains, planting potatoes, spraying weeds.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 25% short, 75% adequate. **Subsoil moisture** was reported as 35% short, 65% adequate. **Potato** planting was 65% complete. **Livestock conditions** were listed at 15% fair, 85% good. **Pasture and range condition** was listed as 15% fair, 85% good. **Farm activities** for the week included disking fields, fertilizing hay and pasture, planting potatoes, transplanting vegetables, seeding small grains, irrigating.

KENAI PENINSULA: There were **7.0 days suitable for fieldwork last week**. **Topsoil moisture and subsoil moisture** were both reported at 100% adequate. **Pasture and range condition** was listed as 15% poor, 35% fair, 25% good, 25% excellent. **Livestock conditions** were listed as 15% poor, 35% fair, 25% good, 25% excellent. Major **farm activities** for the week included preparing equipment and spreading fertilizer.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2010	2009	2008	2010	2009	2008	High	Low	
UAF-AFES, Trunk Road	50	47	43	52	54	49	66	32	0.07
Sawmill Creek	39	39	35	na	na	na	76	25	0.10
Plant Materials Center	na	na	na	na	na	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.

Prepared By AWIS.com from NWS preliminary data

For the Period: Monday May 17, 2010
 To: Sunday May 23, 2010

STATION	LAST WEEK WEATHER SUMMARY						May 1, 10 - May 23, 10 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	76	36	56	+6	0.00	0	0.45	+0.09	7	48	+31	211
Fairbanks/Eiels	76	31	54	+4	0.00	0	0.96	+0.56	6	35	+18	164
Nenana_Muni_AM	75	31	53	+4	0.03	2	0.54	+0.37	7	27	+17	172
Ftgreely/Allen	73	35	55	+6	0.04	1	1.10	+0.68	7	37	+0	162
Healy_River_Air	72	33	53	+6	0.04	1	0.31	-0.10	7	31	+28	158
Gulkana_Arpt_A	71	25	48	+4	0.01	1	0.23	-0.11	5	7	+3	102
Sutton	63	27	47	+0	0.13	1	0.85	+0.30	11	0	-6	94
Palmer_Municipa	67	35	50	+1	0.05	1	0.08	-0.35	3	6	-10	169
Talkeetna	71	29	50	+3	0.47	2	0.69	-0.46	8	9	+6	137
Willow_Airport	66	37	52	+4	0.16	1	0.75	+0.32	10	18	+16	192
Anchorage_Intl	62	34	48	-1	0.00	0	0.03	-0.43	2	1	-9	124
Kenai_Municipal	64	35	48	+3	0.03	1	0.34	-0.35	5	4	+2	135
Homer	52	32	42	-3	0.18	1	0.31	-0.52	6	0	+0	33
Kodiak	48	32	42	-3	1.55	6	4.44	-0.27	17	0	-2	60

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