

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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

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GENERAL: There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% very short, 40% short, 55% adequate. **Subsoil moisture** supplies were listed as 40% short, 60% adequate. **Crop growth** was reported as 20% slow, 75% moderate, 5% rapid. **Barley** and **oats** were both reported as 100% pre-boot. **Condition of the barley crop** was listed as 20% poor, 40% fair, 40% good. **Condition of the oat crop** was listed as 15% poor, 50% fair, 35% good. **Potatoes** were reported as 35% emerged. **Condition of all hay** was listed as 5% very poor, 10% poor, 45% fair, 40% good. **Wind or rain damage** to new plantings was reported as 95% none, 5% light. The main **farm activities** for the week were seeding oats, planting potatoes and vegetables, weed control.

CROP WEATHER SUMMARY June 13 - June 19, 2011		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	5%	0%
SHORT	40%	40%
ADEQUATE	55%	60%
SURPLUS	0%	0%
PAN EVAPORATION FOR 06/13 - 06/19 MAT AES SITE: NA		

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 5% very short, 50% short, 45% adequate. **Subsoil moisture supplies** were 40% short, 60% adequate. **Crop growth** was reported as 30% slow, 70% moderate. **Barley** was 100% pre-boot. **Condition of the barley crop** was listed as 20% poor, 45% fair, 35% good. **Oats** were 100% pre-boot. **Condition of the oat crop** was listed as 20% poor, 60% fair, 20% good. **Potatoes** were reported as 20% emerged. **Condition of all hay** was listed as 10% very poor, 10% poor, 50% fair, 30% good. No **wind or rain damage** to new plantings was reported. **Farm activities** for the week included planting potatoes, seeding forage oats, irrigating hay, spraying for weed control.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 25% short, 75% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Crop growth** was reported as 5% slow, 75% moderate, 20% rapid. **Potatoes** were reported as 40% emerged. **Condition of all hay** was listed as 10% poor, 50% fair, 40% good. **Wind or rain damage** to new plantings was reported as 95% none, 5% light. **Farm activities** for the week included planting potatoes, small grains and vegetables, weed control.

KENAI PENINSULA: There were **7.0 days was suitable for fieldwork last week**. **Topsoil moisture** was reported at 20% short, 80% adequate. **Subsoil moisture** was reported as 40% short, 60% adequate. **Crop growth** was reported as 100% moderate. No **wind or rain damage** to new plantings was reported. Major **farm activities** for the week included planting crops, weed control.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>High</u>	<u>Low</u>	
UAF-AFES, Trunk Road	na	57	55	na	56	54	na	na	na
Sawmill Creek	na	48	48	na	na	na	na	na	na
Plant Materials Center	na	42	na	na	na	na	70	41	1.46

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 June 13, 2011
 To: Sunday June 19, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - June 19, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	77	46	59	-2	0.44	5	0.74	-0.71	10	356	+147	736
Fairbanks/Eiels	76	37	55	-5	0.78	3	1.06	-0.62	8	256	+61	611
Nenana_Muni_AM	77	41	57	-2	0.54	3	0.86	-0.07	10	270	+103	635
Ftgreely/Allen	76	44	56	-3	0.23	5	0.52	-1.64	15	252	+62	619
Healy_River_Air	73	40	54	-3	0.30	6	0.47	-1.59	12	164	+46	510
Gulkana_Arpt_A	73	36	52	-3	0.56	3	0.93	-0.54	19	131	+67	450
Sutton	65	37	50	-4	0.31	4	1.39	-0.28	19	47	-25	378
Palmer_Municipa	69	41	54	-2	0.09	2	0.14	-1.25	6	124	+2	525
Talkeetna	73	38	54	-2	0.11	3	0.81	-2.27	15	130	+28	486
Willow_Airport	66	43	55	+0	0.31	4	1.35	+0.14	16	164	+79	562
Anchorage_Intl	64	42	53	-3	0.86	4	1.32	+0.00	11	81	-22	481
Kenai_Municipal	67	35	51	-1	0.51	3	1.52	-0.08	16	55	+15	426
Homer	59	34	47	-4	0.29	3	0.94	-0.70	17	2	-30	221
Kodiak	55	44	49	-1	0.92	7	10.11	+0.23	36	3	-30	287

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Alaska Agricultural Statistics Service
 PO Box 799
 Palmer, AK 99645