



# Crop Progress and Condition



## National Agricultural Statistics Service

United States Department of Agriculture • Washington, DC 20250  
 Northwest Regional Field Office • Olympia, WA 98507  
 Alaska Field Office • Palmer, AK 99645  
 1-800-478-6079 • www.nass.usda.gov/ak

For Week Ending: May 31, 2015

Released: June 1, 2015

**ALASKA:** There were **7.0 days suitable for fieldwork** last week. Temperatures generally remained above normal with the major growing areas receiving little to no precipitation. **Condition of livestock** was reported as 15% fair, 45% good, 40% excellent. **Condition of range and pasture** was reported as 25% poor, 35% fair, 40% good.

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. **Condition of range and pasture** was reported as 40% poor, 55% fair, 5% good. **Farm activities** for the week included seeding small grains, planting potatoes, irrigating hay, moving cattle to pasture, fencing, spreading manure.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Condition of livestock** was reported as 10% fair, 40% good, 50% excellent. **Condition of range and pasture** was reported as 15% poor, 20% fair, 65% good. **Farm activities** for the week included planting potatoes, vegetables and small grains, calving, weed control, cultivating fields, irrigation.

**KENAI PENINSULA:** An average of **5.0 days was suitable for fieldwork**. **Condition of livestock** was reported as 100% good. **Condition of range and pasture** was reported as 10% fair, 90% good. **Farm activities** for the week included weed control, greenhouse and high tunnel work.

### Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State .....	25	50	25	0
Tanana Valley.....	25	55	20	0
Matanuska Valley.....	35	50	15	0
Kenai Peninsula.....	0	5	95	0
Subsoil Moisture – State .....	10	50	40	0
Tanana Valley.....	0	75	25	0
Matanuska Valley.....	20	30	50	0
Kenai Peninsula.....	0	5	95	0

### Soil Temperatures (F<sup>0</sup>) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	54	46	42	58	45	50	74	36	0.01
Sawmill Creek.....	42	42	44	na	na	na	75	39	0.04
Plant Materials Center.....	56	51	46	57	51	44	78	36	0.00

Pan Evaporation<sup>1/</sup> UAF-AFES, Matanuska Experiment Farm, Palmer: 1.336

<sup>1/</sup> 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.

### Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley Planted.....	100	95	100	100
Emerged.....	20	na	21	52
Oats Planted.....	100	75	95	83
Emerged.....	10	na	21	30
Potatoes Planted.....	85	60	90	78

na – not available

## Weekly Weather Statistics — Alaska: May 25 - May 31, 2015

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	76	46	61	+7	0.12	2	0.29	-0.31	3	188	+140	461
Fairbanks-Eielson .....	75	40	58	+5	0.06	2	0.28	-0.40	4	140	+93	389
Nenana .....	77	42	59	+7	0.05	1	0.37	+0.05	2	176	+141	442
Fort Greely-Allen .....	73	46	60	+8	0.02	1	0.04	-0.73	2	190	+124	446
Healy River Airport .....	73	43	56	+6	0.03	1	0.45	-0.29	7	111	+91	357
Gulkana Airport .....	78	34	56	+9	0.00	0	0.16	-0.43	2	95	+82	330
Sutton .....	72	40	52	+4	0.08	2	1.24	+0.42	11	29	+13	257
Palmer .....	75	41	54	+4	0.03	1	0.08	-0.58	5	71	+36	355
Talkeetna .....	79	37	54	+5	0.22	2	1.22	-0.42	9	55	+38	314
Willow Airport .....	74	42	55	+5	0.07	2	0.98	+0.38	11	59	+46	331
Anchorage International .....	71	39	53	+3	0.02	1	0.55	-0.15	4	43	+17	297
Kenai.....	63	31	46	-2	0.04	1	0.78	-0.17	9	1	-9	168
Homer.....	63	38	50	+5	0.00	0	0.33	-0.74	7	25	+18	289
Kodiak.....	67	37	50	+5	0.29	2	6.41	+0.10	17	12	+2	200

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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