



# IDAHO CROP WEATHER



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## Hot Weather Stressing Crops

### Agricultural Summary

Hot weather conditions have stressed small grains in areas of South-Central and Eastern Idaho. Average temperatures throughout the state ranged from 2 to 21 degrees above normal. Scattered thunderstorms swept through the state this past week, with limited precipitation. Franklin County Extension Educators indicate that several growers are cutting small grains for hay, due to lack of moisture required to obtain good yields. According to County Extension Educators in Twin Falls, some irrigation companies have begun to turn off water supplies. Growers in that area are preparing for the last irrigation on grain. Activities for the week ending July 8 included cultivating, fertilizing, spraying weeds, harvesting hay, irrigating, picking cherries, monitoring pests and disease, and caring for livestock on summer range.

### Field Crop Report

Statewide, both the 1<sup>st</sup> and 2<sup>nd</sup> cuttings of alfalfa hay have progressed ahead of last year and the five year average. Potatoes 12" high and potatoes closing middles have also progressed ahead of last year and the five year average. Frost damage to barley, winter and spring wheat continues to be assessed in South-Central and Eastern areas as damage becomes more evident. Mormon Crickets were reported to be moving off CRP ground in Bonneville and Fremont Counties.

### Livestock, Pasture and Range Report

Livestock were reported in good condition for the week ending July 8. Some livestock in Fremont County have been taken off of the desert range due to poor grazing conditions.

### Soil Moisture and Days Suitable for Fieldwork

Hot weather conditions have depleted much needed soil moisture throughout the state. Reports indicate that topsoil moisture was 24% very short, 39% short, and 37% adequate. The Idaho Agricultural Statistics Service reports farmers had an average of 6.8 days suitable for fieldwork this past week.

### Crop Progress Table

	2001	2000	Avg
Oats Headed	68	55	-
Potatoes 12" High	85	81	73
Potatoes Closing Middles	49	46	38
Cherries Harvested	50	73	54

### Grain Progress

	Jointed	Booted	Turning Color
Winter Wheat	100	100	35
Spring Wheat	100	95	10
Barley	100	95	18

### Crop Condition Table

Percentages	Very Poor	Poor	Fair	Good	Excellent
Winter Wheat	3	9	27	57	4
Spring Wheat	3	9	32	50	6
Barley	2	5	38	46	9
Irr. Water Supply	37	26	31	6	0
Range & Pasture	13	21	48	18	0
Potatoes	2	6	29	60	3

### Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2001	2000	Avg	2001	2000	Avg	2001	2000	Avg	2001	2000	Avg	2001	2000	Avg
Winter Wheat															
Headed . . . . .	94	99	97	100	100	100	100	100	100	99	100	97	97	99	97
Spring Wheat															
Headed . . . . .	35	47	42	100	100	99	88	100	91	71	76	52	68	77	60
Barley															
Headed . . . . .	30	36	36	100	94	97	94	99	89	62	75	51	67	77	59
Alfalfa Hay															
Harvested (1 <sup>st</sup> cutting)	84	88	69	100	100	99	100	99	97	94	91	83	96	95	88
Harvested (2 <sup>nd</sup> cutting)	0	0	1	72	70	36	62	54	28	4	5	2	34	32	15

Avg (1996-2000); NA = Very Small Percentage of Acreage in District.

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## Weather Data For The Week Ending Sunday, July 8, 2001 <sup>1/</sup>

Station	Temperature <sup>2/</sup>				Growing Degree Days <sup>4/</sup>			Precipitation (Inches)					
	High	Low	Ave.	Dept. <sup>3/</sup>	40° Base	50° Base To Date    Normal		Total	Dept <sup>3/</sup>	Month of July	March 1 To Date    Normal		
<b>North</b>													
Coeur D'Alene	97	41	67	2	1488	655	636	0.00	-0.19	0.00	9.00	9.20	
Grangeville	93	49	72	9	1509	671	422	0.05	-0.35	0.05	8.06	11.62	
Lewiston	103	57	77	6	2088	1060	980	0.09	-0.08	0.09	4.50	4.97	
Sand Point	95	43	67	4	1300	537	496	0.00	-0.36	0.00	9.38	10.18	
<b>Southwest</b>													
Boise	106	60	80	9	2283	1276	908	0.00	-0.11	0.00	2.99	4.55	
Caldwell	102	59	78	5	2264	1220	1115	0.00	-0.10	0.00	2.01	3.77	
Emmett	103	57	78	7	2071	1092	955	0.01	-0.09	0.01	3.36	4.49	
Mountain Home	109	57	83	12	2308	1333	883	0.00	-0.12	0.00	1.75	3.62	
Parma	105	58	78	8	2268	1218	898	0.19	0.07	0.19	4.01	4.07	
Weiser 5/	107	62	--	--	2276	1246	920	0.12	0.03	0.12	4.40	3.87	
<b>Southcentral</b>													
Buhl	101	59	78	9	2023	1080	680	0.14	0.03	0.14	3.23	3.78	
Burley	98	53	74	5	1826	902	669	0.36	0.29	0.36	2.62	3.88	
Hill City	98	44	74	11	1366	624	359	0.10	-0.02	0.10	3.44	4.32	
Hagerman	107	53	80	8	2246	1226	1102	0.10	0.03	0.10	2.10	3.39	
Malta 5/	100	54	--	--	1872	953	687	0.39	0.33	0.39	2.70	4.00	
Twin Falls	97	54	75	8	1850	928	628	0.06	-0.00	0.06	3.42	4.07	
<b>East</b>													
Aberdeen	99	56	75	9	1468	705	523	0.08	0.01	0.08	1.41	3.83	
Grace	102	48	74	10	1544	778	421	0.17	-0.03	0.17	4.89	6.36	
Idaho Falls	96	47	72	5	1666	795	556	0.02	-0.09	0.02	2.06	4.57	
Malad City	104	68	89	21	2185	1283	604	0.03	-0.14	0.03	2.28	5.74	
Pocatello	100	51	75	6	1780	910	638	0.09	0.00	0.09	2.10	4.92	
Rexburg	95	49	73	7	1569	774	495	0.00	-0.16	0.00	0.79	5.89	
Salmon	95	54	73	6	1526	731	573	0.17	-0.01	0.17	1.15	4.95	

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

### Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average <sup>1</sup>	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	84	62	87	62	--	--	92	73	--	--	81	59	75	63	84	64
Emmett	90	78	93	79	95	80	97	85	89	81	93	80	85	79	92	80
Parma	69	67	70	68	73	70	73	70	74	72	72	70	70	69	72	69
Sandpoint	75	65	76	63	79	65	80	69	76	55	71	62	75	62	76	63
Twin Falls	85	68	87	70	88	74	75	63	76	66	79	65	72	63	80	67

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.