

MILK PRODUCTION

November 13, 1968

October milk production close to a year earlier

U. S. milk production in October is estimated at 9,159 million pounds, nearly equal to the 9,167 million pounds a year earlier, but 4 percent less than the 1962-66 average. October was the first month of 1968 when production practically equalled a year earlier (except February which had 29 days). Increased production in California, Wisconsin and Pennsylvania helped boost output to the 1967 level. Total milk production in the first 10 months of 1968 was 1.4 percent less than a year earlier. Daily average milk production in October decreased 2 percent from September, compared with a 3-percent decline a year earlier.

October milk production was below a year earlier in all North Atlantic States except Pennsylvania and Connecticut, where it was up 2 percent, and in Massachusetts, where it was unchanged. In the North Central States, production was up in Indiana, Wisconsin, and South Dakota, unchanged in Nebraska, and down elsewhere. All South Atlantic States produced less milk in October, except Maryland, where production was 1 percent above a year earlier. In the South Central Region, production was up in Oklahoma and Kentucky, unchanged in Alabama and Arkansas and down elsewhere. Production increased over a year earlier in all States of the West except Wyoming where it was down 4 percent, and Montana and New Mexico where production was unchanged.

Table 1.-Milk per cow and milk production, by months, United States, 1968, with comparisons

Month	Milk per cow			Milk production			Change from 1967
	Average: 1962-66	1967	1968	Average: 1962-66	1967	1968	
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
January	644	716	724	10,196	9,847	9,608	-2.4
February	611	671	699	9,636	9,203	9,249	+0.5
March	698	769	778	10,968	10,517	10,269	-2.4
April	713	788	795	11,175	10,734	10,460	-2.6
May	778	844	859	12,143	11,740	11,283	-1.6
June	750	820	837	11,658	11,095	10,937	-1.4
July	692	764	783	10,714	10,315	10,208	-1.0
August	651	722	736	10,047	9,709	9,567	-1.5
September	614	680	698	9,446	9,124	9,058	-0.7
October	623	685	707	9,547	9,167	9,159	-0.1
Jan.-Oct. total	---	---	---	105,530	101,181	99,798	-1.4
November	603	661		9,208	8,814		
December	641	699		9,759	9,299		
Annual	8,021	8,821		124,497	119,294		

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Output per cow 3 percent above a year earlier

Milk output per cow averaged 707 pounds during October, 3 percent more than a year earlier and 13 percent above average. The month's gain over a year earlier was the largest since August 1967 (except for February 1968 which had 29 days). Daily output per cow averaged 22.8 pounds in October, compared with 23.3 pounds a month earlier and 22.1 pounds a year earlier. October production per cow was at record high levels in 46 States. Highest output per cow was in California, at 970 pounds; followed by Arizona, 915 pounds; Washington, 890 pounds; Connecticut, 855 pounds, and Massachusetts with 850 pounds.

Milk-feed price ratio 9 percent above a year earlier

The October milk-feed price ratio at 1.83 is 9 percent above a year earlier and 20 percent above average. Higher milk prices and lower ration values caused the increase over a year earlier. The milkfat-feed price ratio for farm-separated cream was 26.2 in October, slightly below a year earlier but 7 percent above average.

Dairy pastures unusually good on November 1

Dairy pasture feed condition on November 1, at 84 percent of normal, was up 1 percentage point from a month earlier. This is 5 points above a year ago and 10 points above the 1962-66 average for the date.

With favorable temperatures and increased rainfall, most Atlantic States showed improvement in pasture condition from a month earlier. The exceptions, New York, New Hampshire and Florida, remained unchanged. Delaware, up 24 percentage points, and New Jersey, up 21 points, showed the greatest improvement during October. North Carolina pasture condition gained 16 points and South Carolina 12.

Pastures have been generally good in the East North Central region. Wisconsin condition, at a record high of 92 percent for November 1, has been equalled only once in 35 years. Condition in the West North Central States has shown improvement over some earlier months of 1968, although South Dakota and Kansas remained the same as a month ago. Iowa and Missouri, at 88 percent of normal, showed slight improvement, while the remaining States showed some decline during October.

Generally favorable weather helped maintain above-average pasture condition for the date in all States of the South Central region except Alabama. At 64 percent, Alabama showed the poorest condition of the season. Kentucky and Arkansas reported 86 percent on November 1. Arkansas condition was the second highest of record for the date in 35 years.

In the West, October rainfall was spotty and pasture condition showed little change from a month earlier. Nevada, at 78 percent, showed the greatest decline in percentage points during October. Three States--Idaho, Arizona, and Utah--all in excellent condition--remained unchanged from a month ago. Oregon, at 92 percent, led the Western States in reported condition for November 1, and in improvement over a month earlier.

Table 2.-Monthly milk per cow and milk production,
October 1968, with comparisons.

State	Monthly milk per cow ^{1/}			Milk production			
	Oct. av. 1962-66	Oct. 1967	Oct. 1968	Oct. av. 1962-66	Oct. 1967	Oct. 1968	Change from 1967
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	669	710	705	54	51	50	- 2
New Hampshire.....	692	745	755	31	31	29	- 6
Vermont.....	662	710	725	157	153	152	- 1
Massachusetts.....	780	810	850	64	59	59	0
Rhode Island.....	764	795	810	8.3	7.1	6.6	- 7
Connecticut.....	779	830	855	58	56	57	+ 2
New York.....	709	755	775	833	801	796	- 1
New Jersey.....	777	800	815	83	67	62	- 7
Pennsylvania.....	688	720	745	564	530	538	+ 2
Ohio.....	730	760	785	423	372	368	- 1
Indiana.....	714	725	770	244	188	191	+ 2
Illinois.....	663	710	730	295	248	235	- 5
Michigan.....	769	795	815	454	385	381	- 1
Wisconsin.....	651	700	715	1,357	1,349	1,362	+ 1
Minnesota.....	524	620	630	643	670	668	0
Iowa.....	619	690	720	456	420	401	- 5
Missouri.....	534	652	665	262	255	250	- 2
North Dakota.....	420	475	505	97	79	74	- 6
South Dakota.....	454	545	570	103	113	116	+ 3
Nebraska.....	534	580	615	140	128	128	0
Kansas.....	557	615	635	143	133	131	- 2
Delaware.....	677	730	730	13.2	11.7	11.0	- 6
Maryland.....	674	740	760	130	128	129	+ 1
Virginia.....	582	645	655	158	154	151	- 2
West Virginia.....	465	520	540	43	37	36	- 3
North Carolina.....	563	640	640	126	127	123	- 3
South Carolina.....	514	570	575	44	42	41	- 2
Georgia.....	488	620	640	81	88	87	- 1
Florida.....	637	705	690	114	128	126	- 2
Kentucky.....	480	535	555	210	202	205	+ 1
Tennessee.....	446	515	525	179	177	174	- 2
Alabama.....	408	460	480	72	68	68	0
Mississippi.....	342	410	425	93	89	87	- 2
Arkansas.....	426	520	550	62	55	55	0
Louisiana.....	401	445	460	84	83	82	- 1
Oklahoma.....	566	675	710	108	106	109	+ 3
Texas.....	533	660	665	243	251	241	- 4
Montana.....	498	575	600	30	28	28	0
Idaho.....	658	720	755	116	111	114	+ 3
Wyoming.....	571	610	615	13.6	12.5	12.0	- 4
Colorado.....	638	700	710	68	68	69	+ 1
New Mexico.....	619	710	710	24	27	27	0
Arizona.....	833	880	915	43	45	48	+ 7
Utah.....	736	800	820	60	60	62	+ 3
Nevada.....	772	810	835	10.8	11.0	11.4	+ 4
Washington.....	771	830	890	160	161	164	+ 2
Oregon.....	589	620	650	79	72	73	+ 1
California.....	888	915	970	700	716	759	+ 6
Alaska.....	734	810	780	1.72	1.46	1.40	- 4
Hawaii.....	787	820	805	11.6	11.9	10.7	-10
United States.....	623	685	707	9,547	9,167	9,159	- 0.1

^{1/} Monthly rate based on all milk cows on farms (in milk or dry).

Table 3.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, October 1968, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	Oct. av. 1962-66	Oct. 1967	Sept. 1968	Oct. 1968	Oct. av. 1962-66	Oct. 1967	Sept. 1968	Oct. 1968
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl.	5.27	5.97	6.28	6.40	3.63	3.68	3.55	3.54
E. N. Cent. ..	4.19	4.95	5.07	5.17	2.84	2.96	2.89	2.86
W. N. Cent. ..	3.85	4.44	4.67	4.75	2.49	2.52	2.53	2.50
S. Atl.	5.82	6.39	6.44	6.56	3.40	3.57	3.36	3.34
S. Cent.	5.18	5.92	5.94	6.17	3.13	3.32	3.20	3.19
West.	4.61	5.10	5.16	5.29	3.20	3.24	3.20	3.17
U. S.								
Milk areas....	4.64	5.30	5.46	5.57	3.05	3.15	3.06	3.04
Cream areas...	-	-	-	-	2.57	2.60	2.61	2.58
Milk and cream areas.....	-	-	-	-	3.03	3.14	3.05	3.03

Table 4.-Milk-feed and milkfat-feed price ratios, by regions, October 1968, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	Oct. av. 1962-66	Oct. 1967	Sept. 1968	Oct. 1968	Oct. av. 1962-66	Oct. 1967	Sept. 1968	Oct. 1968
N. Atl.	1.45	1.62	1.77	1.81	-	-	-	-
E. N. Cent. ..	1.47	1.67	1.75	1.81	20.6	20.5	20.5	20.7
W. N. Cent. ..	1.54	1.76	1.85	1.90	25.7	27.8	27.4	27.7
S. Atl.	1.72	1.79	1.92	1.96	-	-	-	-
S. Cent.	1.65	1.78	1.86	1.93	17.6	16.9	16.9	17.2
West.	1.44	1.57	1.61	1.67	19.0	20.1	20.5	20.5
U. S.	1.52	1.68	1.78	1.83	24.4	26.3	25.9	26.2

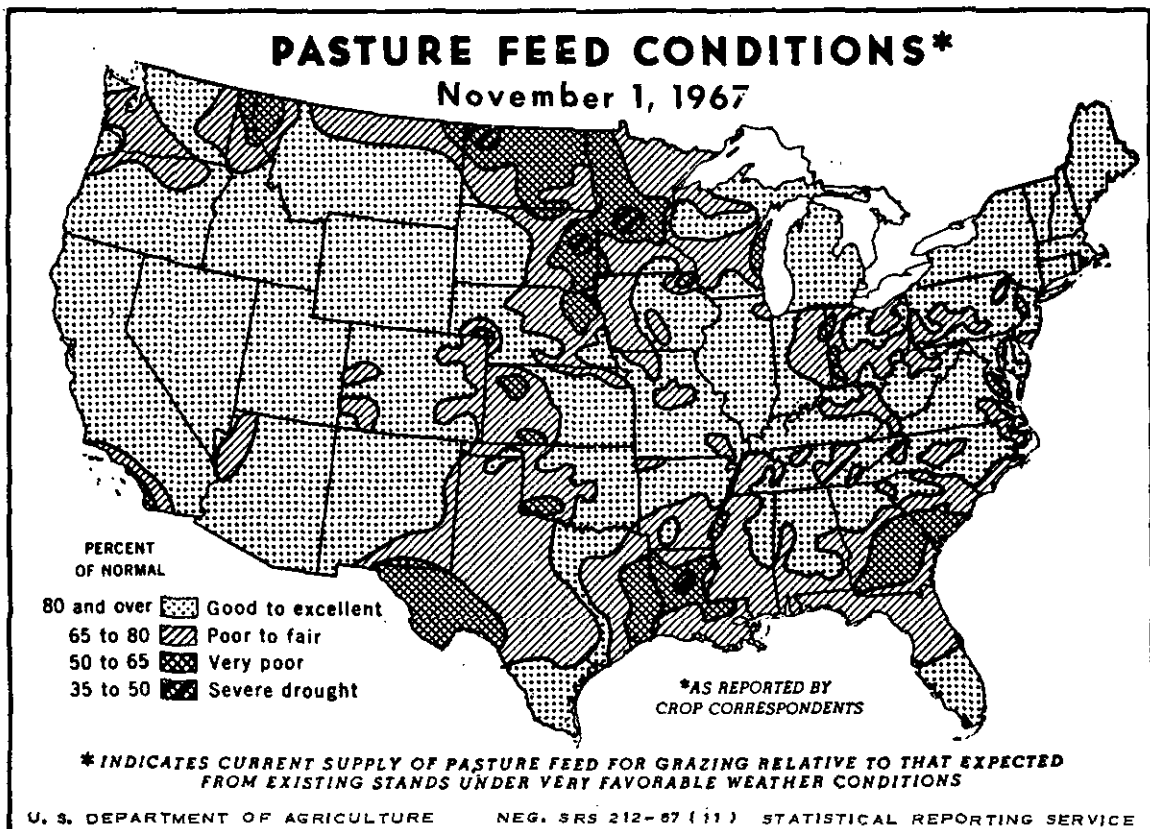
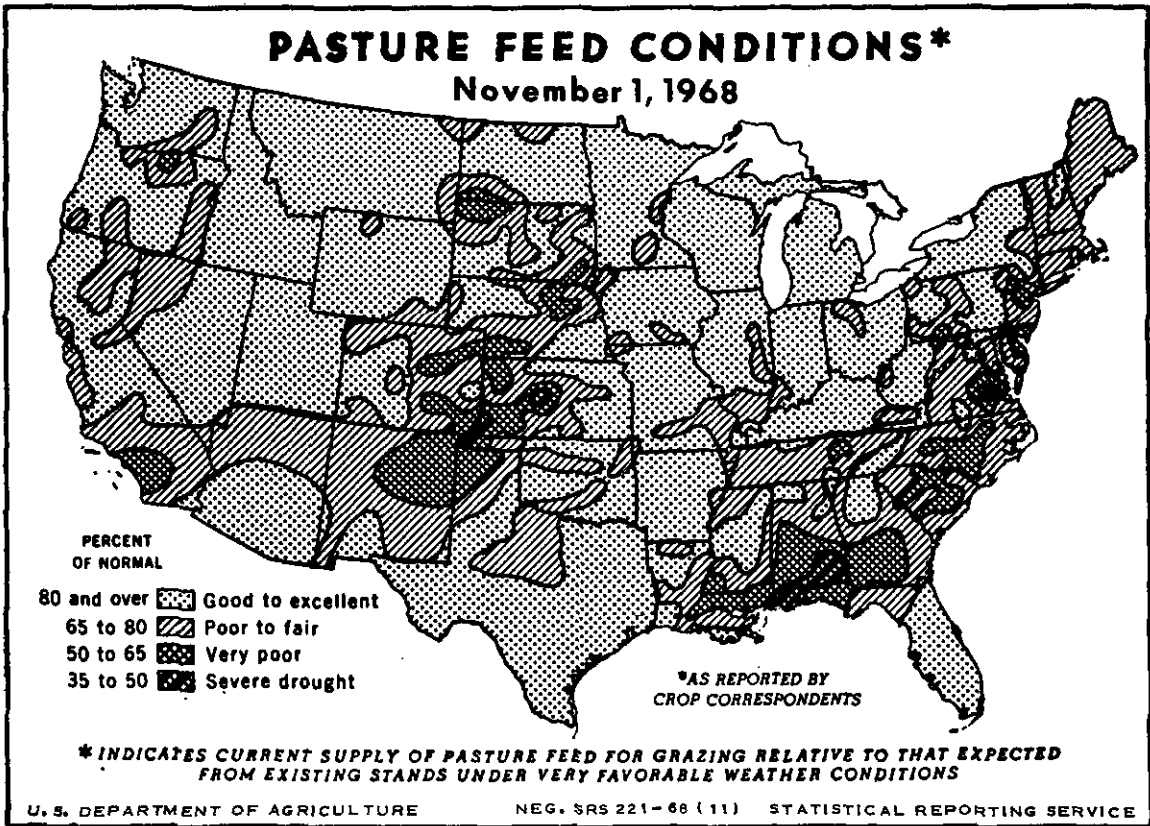
1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers.

2/ Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.

Table 5.-Dairy pasture feed conditions, as percentage of normal, November 1, 1968, with comparisons 1/

State	Nov. 1, av. 1962-66	Nov. 1, 1967	Nov. 1, 1968	State	Nov. 1, av. 1962-66	Nov. 1, 1967	Nov. 1, 1968
	Percent	Percent	Percent		Percent	Percent	Percent
Maine.....	75	86	68	North Carolina....	76	85	71
New Hampshire...	72	87	77	South Carolina....	72	73	65
Vermont.....	76	85	73	Georgia.....	75	71	69
Massachusetts...	68	86	67	Florida.....	77	73	80
Rhode Island....	72	82	69	S. Atl.	69	82	73
Connecticut....	65	82	68	Kentucky.....	73	86	86
New York.....	65	92	88	Tennessee.....	70	82	74
New Jersey.....	55	82	61	Alabama.....	70	81	64
Pennsylvania....	60	83	79	Mississippi.....	70	78	77
N. Atl.	63	86	79	Arkansas.....	65	81	86
Ohio.....	65	73	89	Louisiana.....	70	67	76
Indiana.....	71	77	89	Oklahoma.....	70	82	83
Illinois.....	73	91	84	Texas.....	69	73	80
Michigan.....	76	86	93	S. Cent.	70	79	79
Wisconsin.....	78	76	92	Montana.....	84	84	89
E. N. Cent. ...	74	80	90	Idaho.....	83	84	91
Minnesota.....	79	62	85	Wyoming.....	80	94	86
Iowa.....	84	81	88	Colorado.....	76	84	72
Missouri.....	69	83	88	New Mexico.....	73	79	70
North Dakota....	74	61	81	Arizona.....	83	87	84
South Dakota....	76	65	77	Utah.....	81	91	86
Nebraska.....	82	73	75	Nevada.....	85	92	78
Kansas.....	74	81	78	Washington.....	85	76	91
W. N. Cent. ...	79	73	83	Oregon.....	81	81	92
Delaware.....	62	87	70	California.....	79	84	79
Maryland.....	61	85	73	West.	80	83	84
Virginia.....	66	88	73	U. S.	74	79	84
W. Va.	64	84	84				

1/ Indicates current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. U. S. averages may differ from those published in Crop Production in that States are combined with dairy rather than all livestock weights.



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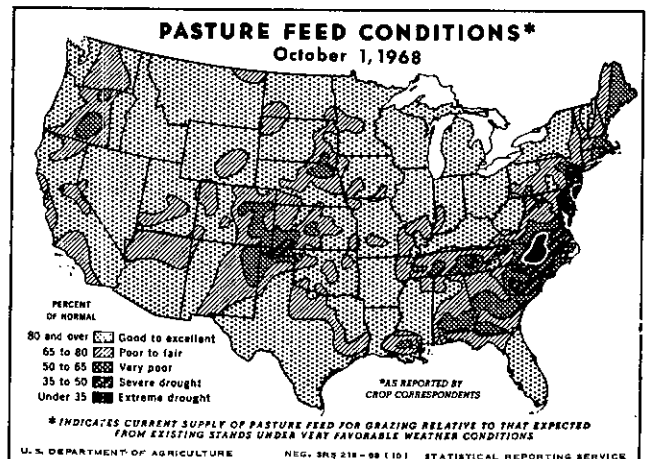
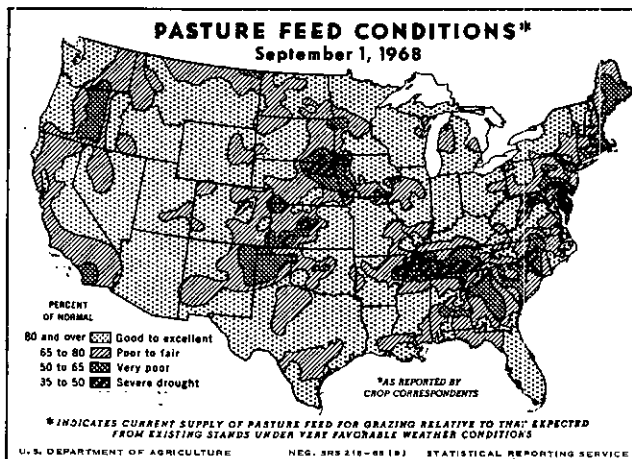
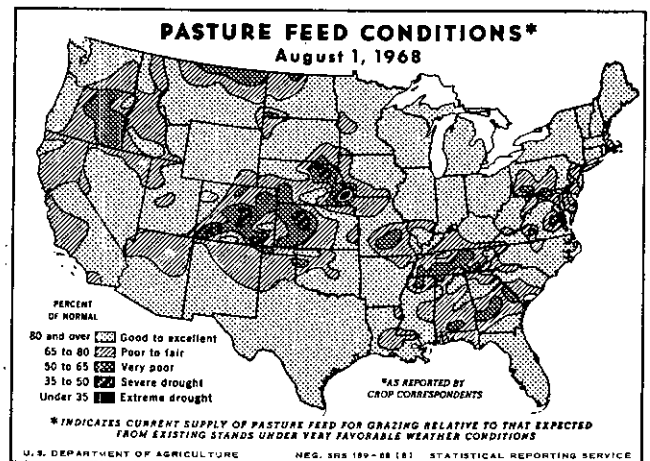
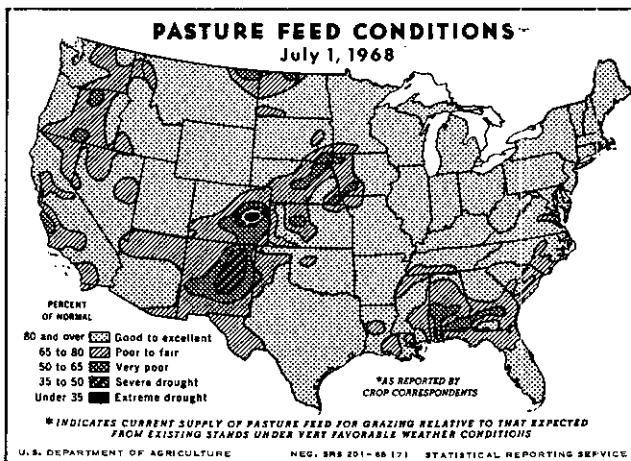
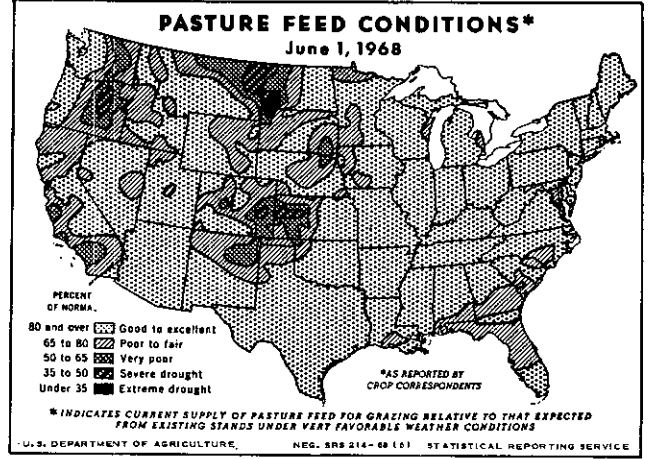
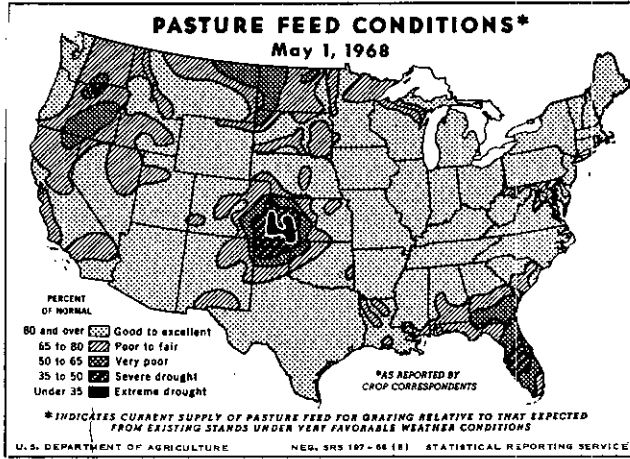


Table 6.-Dairy pasture feed condition reported as percentage of normal, season average 1968, with comparisons, and first-of-month, 1968 1/

State and division	Season average 2/			1968							
	1962-66	1967	1968	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Me.	81	88	82	-	94	90	93	86	65	63	68
N. H.	75	90	87	-	95	92	93	88	75	77	77
Vt.	80	87	88	-	94	92	93	90	82	75	73
Mass.	71	87	81	-	92	89	92	83	64	60	67
R. I.	76	88	83	-	90	96	90	87	66	64	69
Conn.	71	89	82	-	90	86	92	87	68	65	68
N. Y.	71	89	90	-	89	91	94	91	86	88	88
N. J.	59	85	73	81	82	88	87	80	63	40	61
Pa.	65	84	82	-	86	89	93	77	74	75	79
N. Atl.	70	87	86	-	88	90	93	86	78	75	79
Ohio	76	78	93	84	90	94	95	93	94	92	89
Ind.	82	80	92	83	89	94	94	91	94	92	89
Ill.	79	92	89	87	91	91	92	89	85	86	84
Mich.	79	84	90	-	93	88	92	90	87	92	93
Wis.	78	81	91	-	88	87	93	94	91	92	92
E. N. Cent. ..	79	82	91	-	90	90	93	92	90	91	90
Minn.	84	73	86	-	84	81	91	90	83	87	85
Iowa	86	80	84	-	89	86	86	81	79	86	88
Mo.	75	83	85	80	90	89	87	76	86	85	88
N. Dak.	85	65	80	-	70	72	86	84	81	86	81
S. Dak.	79	70	77	-	78	73	82	82	71	77	77
Nebr.	80	78	74	-	84	80	72	65	68	76	75
Kans.	75	77	76	71	71	79	83	71	77	78	78
W. N. Cent. ..	82	76	82	-	83	81	86	80	79	83	83
Del.	65	89	72	90	88	85	89	74	50	46	70
Md.	64	86	79	82	83	84	90	76	73	70	73
Va.	72	87	85	81	89	90	95	84	85	66	73
W. Va.	70	85	87	78	85	90	94	83	87	82	84
N. C.	81	86	81	81	90	89	89	88	73	55	71
S. C.	78	81	76	76	84	85	85	84	63	53	65
Ga.	79	80	76	74	79	83	80	77	69	67	69
Fla.	79	71	73	65	57	70	75	85	81	80	80
S. Atl.	74	84	80	-	84	86	89	82	75	65	73
Ky.	81	91	91	75	93	96	94	85	89	89	86
Tenn.	80	88	77	72	90	92	87	68	60	67	74
Ala.	76	83	76	68	83	87	71	75	74	72	64
Miss.	74	86	80	64	85	89	80	78	81	83	77
Ark.	72	87	86	78	89	92	89	86	81	84	86
La.	73	82	82	68	83	84	84	84	86	85	76
Okla.	73	75	84	76	82	89	91	85	83	83	83
Tex.	69	63	85	76	88	90	89	87	80	84	80
S. Cent.	74	79	83	-	87	91	87	82	79	81	79
Mont.	86	84	82	-	77	73	86	80	83	92	89
Idaho	87	90	87	-	80	83	92	84	88	91	91
Wyo.	82	94	85	-	86	78	89	85	85	87	86
Colo.	72	86	72	82	74	74	69	65	78	71	72
N. Mex.	68	66	77	86	82	77	62	77	80	72	70
Ariz.	85	79	88	96	93	90	82	83	88	84	84
Utah	84	89	88	90	89	85	90	85	90	86	86
Nev.	87	88	82	88	80	82	79	78	85	85	78
Wash.	86	77	87	91	81	85	88	86	84	92	91
Oreg.	83	82	85	89	81	84	88	82	84	89	92
Calif.	81	90	78	89	77	74	77	74	76	80	79
West.	82	86	82	-	80	79	82	78	81	84	84
U. S.	77	82	85	3/79	86	86	89	85	82	83	84

1/ Indicate current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. U. S. averages may differ from those published in Crop Production in that States are combined with milk cow rather than all livestock weights. 2/ Season figures are weighted averages of reports on the first of each month during the period milk cows are on pastures.

3/ Reported in 30 States.

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
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Table 7.-Dairy pasture feed condition reported as percentage of normal,
 first-of-month and season average, United States, 1957-68

Year	April 1 ^{1/}	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Weighted av. for season
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
5-year average 1962-66	75	83	82	81	72	72	76	74	77
1957	75	87	89	90	83	73	81	82	83
1958	80	89	86	87	88	84	84	82	86
1959	75	82	87	84	77	79	78	84	81
1960	70	86	89	89	83	81	80	79	84
1961	84	85	85	85	83	82	82	80	83
1962	77	84	82	84	79	73	79	82	80
1963	74	80	79	79	71	73	71	61	76
1964	72	85	84	78	69	65	71	67	75
1965	73	81	82	81	75	75	84	83	79
1966	79	84	84	82	67	75	76	75	78
1967	73	84	78	88	85	79	77	79	82
1968	79	86	86	89	85	82	83	84	85

^{1/} Reported in 30 States beginning in 1966.