

MILK PRODUCTION

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October 11, 1961

SUMMARY

OCT 17 1961

Milk production in the United States in September is estimated at 9,617 million pounds -- 3 percent more than in September last year, 4 percent above the 1950-59 average, and a record high for the month. September production showed about the same seasonal decline as in 1960. Milk production in the first 9 months of 1961 totaled 96.4 billion pounds, compared with 95.1 billion pounds in the January-September period of 1960. Milk production per cow in herds kept by crop reporters averaged 20.37 pounds on October 1 -- 5 percent above a year earlier and 4 percent above the previous record set for the date in 1959. Farmers fed their milk cows an average of 6.31 pounds of grain and concentrates on October 1 -- nearly 8 percent above the previous high for the date set a year earlier.

Condition of dairy pastures in the United States on October 1 was reported at 82 percent of normal -- 2 points above a year earlier and 8 points above the 10-year average for the date. Pasture feed was much better than usual for October 1 in all regions except the West. For the Nation as a whole, condition held unchanged from September 1 to October 1, compared with a 10-year average decline of 1 point. Improvement during September in the North Central and Western regions offset declines during the month in the other regions. Although improved from September 1, pastures are still very poor in the Dakotas, Montana, and northeastern Wyoming.

Table 1.-Monthly milk production on farms, United States, 1950-59 average, 1960 and 1961

Month	Monthly total				Daily average per capita		
	Average 1950-59	1960	1961	$\frac{1961}{1960}$	Average 1950-59	1960	1961
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan.	9,069	9,820	9,859	100.4	1.79	1.77	1.75
Feb.	8,808	9,580	9,381	107.9	1.92	1.85	1.84
Mar.	10,276	10,663	10,843	101.7	2.03	1.92	1.92
Apr.	10,828	11,020	11,168	101.3	2.21	2.05	2.04
May.....	12,440	12,206	12,278	100.6	2.46	2.19	2.17
June.....	12,167	11,689	11,941	102.2	2.48	2.17	2.18
July.....	11,259	10,750	11,014	102.5	2.22	1.93	1.94
Aug.	10,344	10,006	10,263	102.6	2.03	1.79	1.81
Sept.	9,267	9,352	9,617	102.8	1.88	1.73	1.75
Oct.	8,972	9,365			1.76	1.67	
Nov.....	8,354	8,974			1.68	1.66	
Dec.	8,807	9,495			1.72	1.69	
Year....	120,591	122,920			2.01	1.87	

1/ Extra day in February 1960. On a daily average basis, percent is 101.4.

Table 2.-Monthly milk production on farms, selected States, September 1961, with comparisons 1/
 [In millions of pounds]

State	Sept. av. 1950-59	Sept. 1960	Aug. 1961	Sept. 1961	State	Sept. av. 1950-59	Sept. 1960	Aug. 1961	Sept. 1961
N. Y.	698	745	794	803	Ga.	95	84	89	88
N. J.	90	94	94	94	Ky.	225	218	269	240
Pa.	485	536	564	542	Tenn. ...	210	201	232	215
Ohio.....	446	423	457	447	Ala.	98	82	86	83
Ind.	304	258	278	265	Miss. ...	114	113	117	114
Ill.	391	322	354	321	Ark.	100	77	89	81
Mich.	436	421	457	447	Okla. ...	130	109	121	110
Wis.	1,131	1,258	1,363	1,280	Tex.	238	222	248	215
Minn.	499	538	640	551	Mont. ...	42	37	39	35
Iowa.....	457	437	517	447	Idaho....	114	129	144	134
Mo.	339	305	347	311	Wyo.	17.5	15.2	16.6	14.5
N. Dak. ...	128	110	140	115	Colo. ...	68	67	70	64
S. Dak. ...	104	100	118	102	Utah.....	54	59	64	60
Nebr.	163	146	174	150	Wash. ...	144	160	171	160
Kans.	173	148	158	153	Oreg. ...	96	93	102	90
Md.	118	130	138	133	Calif. ...	563	659	712	673
Va.	182	186	201	190	Other				
W. Va.	68	55	59	55	States.	557	632	655	649
N. C.	140	137	137	137	U. S. ...	9,267	9,352	10,263	9,617
S. C.	49	46	48	48					

1/ Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, September 15, 1961, with comparisons

Region	Milk-feed 1/				Milkfat-feed 2/			
	Sept. 15, av. 1950-59	Sept. 15, 1960	Aug. 15, 1961	Sept. 15, 1961	Sept. 15, av. 1950-59	Sept. 15, 1960	Aug. 15, 1961	Sept. 15, 1961
N. Atl. ...	1.38	1.49	1.38	1.43	-	-	-	-
E.N.C.	1.30	1.46	1.41	1.47	19.8	20.5	20.8	20.9
W.N.C.	1.44	1.61	1.53	1.59	24.7	27.4	26.9	26.7
S. Atl. ...	1.50	1.63	1.55	1.62	-	-	-	-
S. Cent. ...	1.45	1.56	1.45	1.54	15.6	16.9	17.0	17.1
West.	1.33	1.41	1.31	1.36	18.4	18.8	18.7	18.6
U. S. ...	1.37	1.51	1.42	1.49	22.3	25.0	25.2	25.0

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

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

Table 4.-Value per 100 pounds of concentrate rations fed to milk cows, by regions, September 15, 1961, with comparisons

[In dollars]

Region	Sept. 15, av. 1950-59	Sept. 15, 1960	July 15, 1961	Aug. 15, 1961	Sept. 15, 1961
N. Atl.	3.70	3.47	3.50	3.49	3.47
E. N. C.	3.00	2.70	2.71	2.69	2.68
W. N. C.	2.63	2.25	2.35	2.30	2.32
S. Atl.	3.65	3.37	3.29	3.31	3.28
S. Cent.	3.40	3.01	3.05	3.03	3.02
West.	3.39	3.15	3.17	3.19	3.18
U. S.					
Milk-selling areas..	3.25	2.92	2.95	2.93	2.92
Cream-selling areas.	2.82	2.41	2.45	2.40	2.42
Combined milk and cream areas.....	3.18	2.88	2.91	2.90	2.89

Milk production at record high for September

Milk cows in the United States produced an estimated 9,617 million pounds of milk in September -- 3 percent more than in September last year and 4 percent above the 1950-59 average for the month. Total production reached a new high for September -- the first time that output of milk in any month has set a record since March this year. September production showed about the same seasonal decline as in 1960. Relative to population, production in September was sufficient to provide 1.75 pounds of milk per capita -- 1 percent more than the corresponding month a year earlier, but 7 percent less than the September 10-year average. Milk production in the first 9 months of 1961 totaled 96.4 billion pounds, compared with 95.1 billion pounds in the January-September period last year.

September output set record highs in 8 of the 36 States where monthly estimates of milk production are available. These included New York, Pennsylvania, Wisconsin, California, Idaho, Kentucky, Maryland, and Virginia. On the other hand, milk production reached record lows for September in 6 States -- Illinois, West Virginia, Texas, Montana, Wyoming, and Colorado. As usual, Wisconsin led all States in September production with 1,280 million pounds, followed by New York with 803 million pounds, California with 673 million, Minnesota with 551 million, and Pennsylvania with 542 million pounds.

October 1 rate per cow at new high

Production per cow in herds kept by crop reporters averaged 20.37 pounds of milk on October 1. This new high was 5 percent above October 1 a year earlier and 4 percent above the previous record set for the date in 1959. Rate per cow was down 1 percent seasonally -- about the same decline from September 1 as in the preceding year but less than the average decrease of 3 percent from September 1 to October 1. Milk per cow in herd reached new highs for October 1 in all regions except the South Central, where production was near the 1959 record. For the entire country, crop reporters milked 71.7 percent of the milk cows in their herds on October 1. This was 1 percent higher than a year earlier and 3 percent above the October 1 average.

Heavy grain feeding on October 1

Farmers fed their milk cows an average of 6.31 pounds of grain and concentrates on October 1 -- nearly 8 percent above the previous high for the date set in 1960 and about one-third above the October 1 average for 1950-59. Grain and concentrate feeding increased 3 percent from August 1 to October 1 compared with an increase of 4 percent between these dates last year and the average seasonal gain of 7 percent.

Record feeding rates in all regions

Feeding rates were at record levels on October 1 in all regions of the country. Gains from October 1 last year occurred in all regions except the North Atlantic, where the feeding rate equaled a year earlier. In other regions, increases ranged up to 16 percent in the South Central where grain and concentrate feeding last year lagged below October 1, 1959. Compared with the 10-year average for October 1, the feeding rate increased 18 percent in the North Atlantic region, and was up about one-third in other sections of the country. Grain fed per cow averaged 7.3 pounds on October 1 in the North Atlantic region; 6.8 in the East North Central; 6.5 in the West; 6.2, South Atlantic; 5.8, West North Central; and 5.2 pounds in the South Central.

Milk-feed price ratio drops below year ago

The milk-feed price ratio, at 1.49 in mid-September, was 1 percent below a year ago. This is the first time since October 1960 that the ratio has dropped below a year earlier. The decline in the ratio from September 1960 was due to a lower average price for all milk. The ration value averaged \$2.92 per hundredweight in milk-selling areas, the same as a year earlier. The milkfat-feed price ratio in cream-selling areas averaged 25.0 in mid-September, the same as a year ago.

Dairy pastures continue above average through September

Condition of dairy pastures continued much better than usual through September in most of the Nation. Reported condition of pasture for milk cows on October 1 was 82 percent of normal -- 2 points above a year earlier and 8 points above the 1950-59 average for the date. For the Nation as a whole, pasture condition held unchanged from September 1 to October 1, compared with a 10-year average decline of 1 point. Improvement during September in the North Central and Western regions offset declines during the month in other regions. Pasture feed was better than usual for October 1 in all regions except the West. September rainfall was considerably below normal from the Ohio Valley and lower Mississippi Valley eastward, except for heavy rains in southeastern New England. Hurricane Carla produced heavy rains in mid-September in a broad belt from Texas through Michigan. Above-normal rainfall in September brought some improvement in fall pastures in drought-stricken areas of the northern Great Plains and Rocky Mountain States. Washington and southern California received very light rainfall during the month.

Pastures decline in East and South

With light September rainfall, dairy pasture condition declined during September in all of the East except New England. Above-normal temperatures also contributed to the 6-point decline in the North Atlantic region where pastures usually improve during September. However, the October 1 average of 81 percent for dairy pastures in this region was still 2 points above a year earlier and 5 points above the 10-year average for the date. September rainfall was less than one-half of normal in most of the South Atlantic region, resulting in an 8-point decline in pasture condition for the region as a whole. October 1 condition was below a year earlier for most South Atlantic States but above average for all States except Delaware and Maryland.

In the South Central region, September rainfall was considerably below normal east of the Mississippi River and in eastern Arkansas, but Hurricane Carla brought heavy rains to Louisiana, most of Texas, and Oklahoma. Pasture condition declined during September in all South Central States except Texas and Oklahoma, with the sharpest drops in Kentucky and Tennessee. Pasture feed for dairy cows was still much better than usual for October 1 throughout the South Central region -- 16 points above average for the region as a whole.

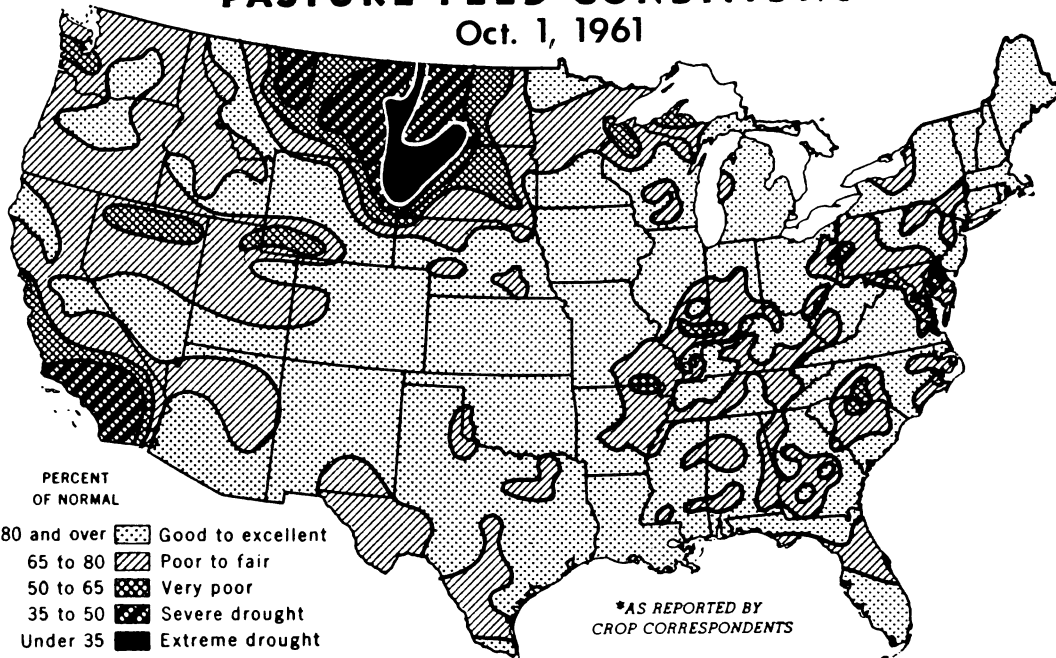
September rains improve condition in North Central and West

Pastures improved during September in most North Central States, with September rainfall considerably above normal over much of the area. Pasture condition gained 11 points from September 1 in Wisconsin, 10 points in Minnesota, and 21 points in North Dakota. October 1 condition of dairy pastures was above average in all North Central States except the Dakotas, where it ranged from fair in eastern areas to continued extreme drought in western parts of each State. Pastures dried up rapidly in southern areas of Illinois and Indiana and in eastern Ohio as a result of light September rainfall.

In the West, dairy pastures improved during September in all States except Washington and California. Above-normal September rainfall raised condition 11 points in Montana, 10 points in Wyoming, and 11 points in Utah. Montana pastures began to green up after the rains, but are still very poor in most of the State, as is true in northeastern Wyoming. No improvement is reported in the extended drought in southern California, where September rainfall was far below normal.

PASTURE FEED CONDITIONS*

Oct. 1, 1961



PERCENT
OF NORMAL

- 80 and over Good to excellent
- 65 to 80 Poor to fair
- 50 to 65 Very poor
- 35 to 50 Severe drought
- Under 35 Extreme drought

*AS REPORTED BY
CROP CORRESPONDENTS

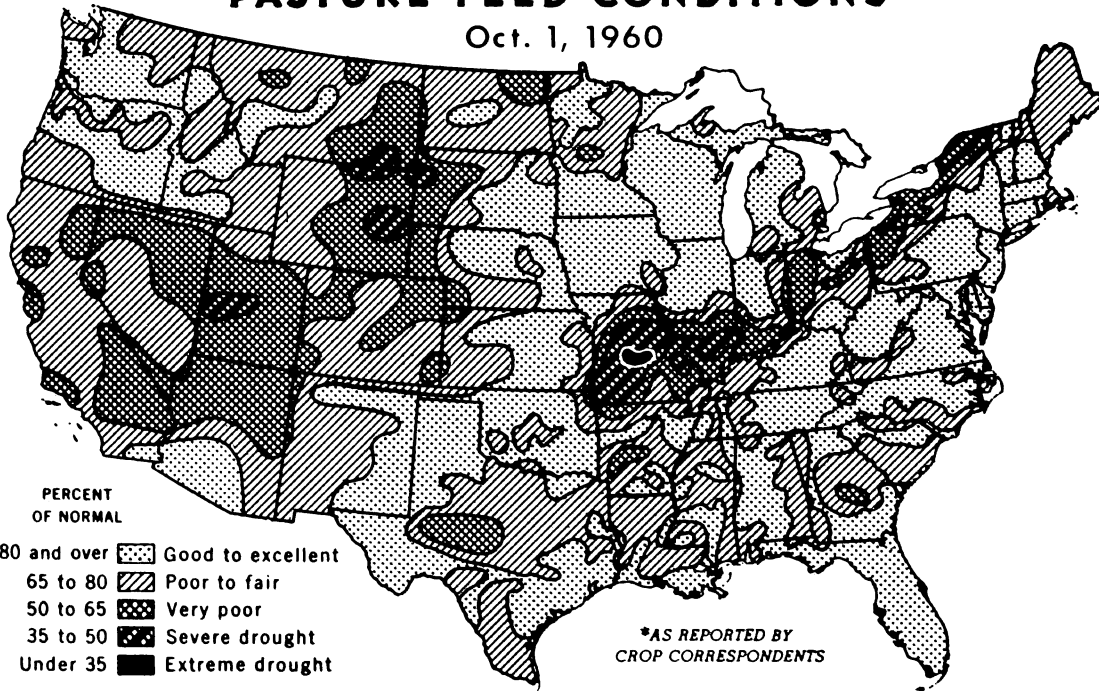
* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. SRS 15-61 (10) STATISTICAL REPORTING SERVICE

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Oct. 1, 1960



PERCENT
OF NORMAL

- 80 and over Good to excellent
- 65 to 80 Poor to fair
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- 35 to 50 Severe drought
- Under 35 Extreme drought

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* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. 8142-60 (10) AGRICULTURAL MARKETING SERVICE

Table 5.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters, October 1, 1961, with comparisons 1/

State and division	Milk produced per milk cow 2/			Percent of milk cows milked		
	Oct. 1, av. 1950-59	Oct. 1, 1960	Oct. 1, 1961	Oct. 1, av. 1950-59	Oct. 1, 1960	Oct. 1, 1961
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me.	20.2	23.0	24.9	80.8	79.9	82.6
N. H.	20.6	22.7	25.2	77.3	76.8	77.2
Vt.	18.3	20.3	21.9	74.9	74.8	76.6
Mass.	21.2	24.0	24.9	79.5	79.7	82.4
Conn.	21.5	23.8	24.0	77.9	77.6	79.5
N. Y.	20.8	23.4	24.0	75.8	76.4	76.6
N. J.	22.7	25.4	24.7	78.3	78.9	79.0
Pa.	20.8	23.8	24.1	77.5	78.6	78.8
N. Atl.	20.79	23.42	23.83	76.6	77.3	77.7
Ohio.....	20.4	22.8	24.6	75.4	75.9	78.0
Ind.	18.8	21.7	23.1	72.8	73.8	78.3
Ill.	18.8	20.9	22.1	70.4	73.8	74.5
Mich.	21.7	25.1	26.4	79.3	81.1	80.0
Wis.	18.1	20.7	21.5	73.0	73.4	73.6
E. N. Cent.	19.28	21.90	23.24	73.9	75.1	76.1
Minn.	14.8	17.0	16.6	62.4	62.4	61.3
Iowa.....	17.7	20.4	19.9	67.7	69.5	69.5
Mo.	14.7	16.1	16.8	68.0	69.4	69.5
N. Dak.	13.5	15.0	17.0	60.6	60.0	65.8
S. Dak.	13.4	15.9	16.4	61.7	63.7	63.0
Nebr.	15.4	17.8	18.2	65.9	68.6	66.4
Kans.	15.3	17.7	18.8	64.3	67.7	67.8
W. N. Cent.	15.13	17.26	17.64	64.3	65.5	65.6
Md.	19.5	21.5	21.2	74.8	73.5	75.1
Va.	17.9	21.9	22.0	72.8	75.4	77.0
W. Va.	15.0	18.0	17.7	72.5	71.6	69.6
N. C.	15.7	19.0	18.9	72.3	76.0	74.7
S. C.	12.6	14.2	15.3	67.2	63.1	64.1
Ga.	11.3	13.7	14.8	59.7	61.1	63.0
S. Atl.	15.64	18.56	19.42	70.3	74.7	73.7
Ky.	14.6	15.9	18.3	69.6	68.8	69.6
Tenn.	12.8	14.2	15.8	69.3	66.7	69.3
Ala.	8.8	9.1	9.4	54.4	50.4	52.7
Miss.	7.9	9.8	9.4	57.1	64.0	59.0
Ark.	10.1	12.9	12.9	58.0	62.7	59.2
La.	7.6	10.2	10.0	48.4	52.8	53.7
Okla.	12.0	13.9	15.3	58.5	62.1	61.9
Tex.	9.8	11.3	11.4	53.4	48.5	52.5
S. Cent.	11.44	12.82	13.86	61.1	61.1	62.0
Mont.	16.9	18.3	19.0	68.6	66.5	68.4
Idaho.....	20.4	22.2	22.9	76.1	75.8	77.3
Wyo.	18.5	19.0	19.4	69.5	66.4	66.2
Colo.	17.5	20.3	20.0	69.9	73.9	69.0
Utah.....	21.4	24.1	25.0	76.4	80.9	80.5
Wash.	21.5	25.4	24.9	78.1	79.6	78.4
Oreg.	18.5	20.4	21.1	78.3	81.4	80.0
Calif.	23.2	26.5	28.0	79.2	76.6	81.0
West.	20.64	24.03	24.78	76.3	77.4	78.3
U. S.	16.86	19.40	20.37	69.6	71.0	71.7

1/ Figures for New England States, New Jersey, and Pennsylvania represent combined crop and special dairy reporters; others represent crop reporters only. Regional averages include less important dairy States not shown separately.

2/ Averages represent daily milk production divided by the total number of milk cows (in milk or dry).

Table 6.-Dairy pasture feed condition, as percentage of normal, and "grain" fed per milk cow in herds kept by reporters, October 1, 1961, with comparisons

State and division	Dairy pasture feed condition 1/			"Grain" fed per milk cow 2/		
	Oct. 1, av. 1950-59	Oct. 1, 1960	Oct. 1, 1961	Oct. 1, av. 1950-59	Oct. 1, 1960	Oct. 1, 1961
	Percent	Percent	Percent	Pounds	Pounds	Pounds
Me.	82	76	86	5.9	6.8	7.5
N. H.	82	88	91	5.2	6.6	7.3
Vt.	82	81	90	4.9	6.1	6.1
Mass.	78	88	89	6.0	7.2	8.0
R. I.	82	73	89	-	-	-
Conn.	81	87	89	6.4	7.6	8.8
N. Y.	78	71	86	6.0	7.0	6.8
N. J.	74	85	81	7.2	8.1	8.1
Pa.	72	81	75	7.3	8.0	8.5
N. Atl.	76	79	81	6.2	7.3	7.3
Ohio.....	76	71	87	5.8	6.9	7.9
Ind.	78	77	82	5.4	6.7	7.3
Ill.	75	74	87	5.2	6.2	7.0
Mich.	81	82	92	5.7	7.0	8.0
Wis.	80	90	82	4.3	5.4	6.0
E. N. Cent.	78	81	85	5.0	6.1	6.8
Minn.	78	86	80	3.6	5.2	5.3
Iowa.....	78	92	93	5.2	6.1	6.4
Mo.	63	58	86	4.7	6.4	6.0
N. Dak.	72	71	55	3.6	4.5	5.5
S. Dak.	70	81	66	3.2	4.0	4.5
Nebr.	72	80	84	3.9	5.1	5.9
Kans.	64	82	90	4.9	6.2	6.6
W. N. Cent.....	73	82	83	4.3	5.5	5.8
Del.	76	91	71	-	-	-
Md.	77	86	66	6.5	7.0	7.4
Va.	73	89	88	5.0	6.9	7.5
W. Va.	73	87	83	3.2	4.0	4.3
N. C.	74	85	84	5.0	6.5	6.2
S. C.	70	77	76	4.5	5.0	5.7
Ga.	72	79	81	4.4	6.0	6.7
Fla.	81	82	85	-	-	-
S. Atl.	74	85	81	4.7	5.9	6.2
Ky.	74	83	82	3.9	4.7	5.0
Tenn.	70	82	80	4.0	4.7	5.7
Ala.	71	82	81	3.9	4.2	5.5
Miss.	70	77	83	3.0	3.5	4.0
Ark.	66	74	81	3.5	5.2	5.1
La.	76	74	88	3.4	4.2	4.2
Okla.	63	85	89	4.3	6.3	6.8
Tex.	60	79	83	4.9	4.0	5.3
S. Cent.	67	80	83	3.9	4.5	5.2
Mont.	79	70	58	3.3	3.6	4.1
Idaho.....	85	79	79	3.9	4.5	4.9
Wyo.	76	62	80	3.2	4.0	3.5
Colo.	67	66	91	4.9	6.4	5.3
N. Mex.	66	88	85	-	-	-
Ariz.	80	71	79	-	-	-
Utah.....	76	65	70	4.3	5.1	6.0
Nev.	82	66	75	-	-	-
Wash.	74	72	70	5.1	6.5	6.9
Oreg.	76	80	77	4.6	5.1	5.4
Calif.	77	72	71	5.6	7.0	7.5
West.	76	72	74	4.9	6.1	6.5
U. S.	74	80	82	4.78	5.86	6.31

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

2/ Figures for New England States, New Jersey, and Pennsylvania represent combined crop and special dairy reporters; others represent crop reporters only. Regional averages include less important dairy States not shown separately. Includes grain, milfeeds, and other concentrates.