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MILK PRODUCTION

July 12, 1960

SUMMARY

Milk production on farms in June is estimated at 12,141 million pounds, 1 percent more than in June 1959, but 1 percent less than the 1949-58 average for the month. Production declined 4 percent from May to June, the same drop as in 1959, but more than the 10-year average decline of 2 percent. For the first half of 1960, milk production totaled 66,483 million pounds, 1 percent more than for the corresponding period in 1959. Milk production per cow in herds kept by crop reporters averaged 22.89 pounds on July 1, about 1 percent above the previous record high set a year earlier.

Dairy pastures held up well in most sections of the country during June. Favorable weather and adequate moisture were reflected in good to excellent pasture feed conditions on July 1 everywhere except in some large areas of the South Atlantic and Gulf Coast States and the West. For the country as a whole, condition of pastures for milk cows on July 1 averaged 89 percent of normal -- the same as a month earlier, and 5 percentage points above both July 1 last year and the 1949-58 average for the date.

Table 1.-Monthly milk production on farms, United States, 1949-58 average, 1959 and 1960

Month	Monthly total				Daily average per capita		
	Average 1949-58	1959	1960	$\frac{1960}{1959}$	Average 1949-58	1959	1960
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan.	8,909	9,854	9,862	100	1.79	1.81	1.78
Feb.	8,708	9,373	9,679	1/103	1.92	1.90	1.87
Mar.	10,189	10,734	10,862	101	2.05	1.97	1.96
Apr.	10,802	11,209	11,313	101	2.24	2.12	2.10
May.....	12,500	12,536	12,626	101	2.51	2.29	2.27
June.....	12,257	12,059	12,141	101	2.54	2.27	2.25
July.....	11,382	11,158			2.28	2.03	
Aug.	10,466	10,243			2.09	1.86	
Sept.	9,281	9,471			1.92	1.78	
Oct.	8,939	9,476			1.78	1.72	
Nov.	8,265	8,894			1.70	1.66	
Dec.	8,682	9,389			1.72	1.70	
Year.....	120,380	124,396			2.04	1.93	

1/ Reflects extra day in February. On a daily average basis, percent is 99.7

Table 2.-Monthly milk production on farms, selected States, June 1960 ^{1/}
 [In millions of pounds]

State	June av. 1949-58	June 1959	May 1960	June 1960	State	June av. 1949-58	June 1959	May 1960	June 1960
N. Y.	973	971	1,036	990	Ga.	102	99	103	99
N. J.	100	101	117	103	Ky.	260	257	258	250
Pa.	566	625	696	626	Tenn.	240	232	245	233
Ohio.....	542	495	530	500	Ala.	114	102	100	99
Ind.	379	342	348	331	Miss.	145	135	135	136
Ill.	507	451	460	432	Ark.	126	109	109	109
Mich.	548	519	510	512	Okla.	174	147	158	144
Wis.	1,748	1,825	1,827	1,788	Tex.	288	250	255	258
Minn.	926	985	1,062	1,018	Mont.	59	52	51	53
Iowa.....	641	599	619	617	Idaho.....	140	156	169	162
Mo.	421	376	409	388	Wyo.	23.4	22.2	19.3	20.7
N. Dak. ..	220	213	187	214	Colo.	87	78	81	78
S. Dak. ..	162	148	147	143	Utah.....	67	70	72	72
Nebr.	243	218	215	212	Wash.	180	185	203	193
Kans.	230	183	197	176	Oreg.	129	118	129	122
Md.	120	129	149	129	Calif. ...	610	700	750	715
Va.	189	187	201	198	Other States..	714	700	779	734
W. Va. ...	83	76	77	76	U. S.	12,257	12,059	12,626	12,141
N. C.	149	154	169	158					
S. C.	52	50	54	52					

^{1/} Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, June 15, 1960

Region	Milk-feed ^{1/}				Milkfat-feed ^{2/}			
	June 15, av. 1949-58	June 15, 1959	May 15, 1960	June 15, 1960	June 15, av. 1949-58	June 15, 1959	May 15, 1960	June 15, 1960
N. Atl. ...	1.08	1.17	1.19	1.20	-	-	-	-
E.N.C. ...	1.12	1.22	1.30	1.30	19.4	19.9	20.5	20.6
W.N.C. ...	1.22	1.40	1.43	1.42	23.6	26.9	26.8	26.8
S. Atl. ...	1.37	1.54	1.53	1.54	-	-	-	-
S. Cent. .	1.25	1.35	1.37	1.37	15.4	16.2	16.4	16.6
West.	1.19	1.27	1.27	1.26	17.9	18.2	18.6	18.4
U. S. ..	1.14	1.27	1.30	1.30	21.4	24.4	24.3	24.4

^{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, June 15, 1960
 [In dollars]

Region	June 15, av. 1949-58	June 15, 1959	Apr. 15, 1960	May 15, 1960	June 15, 1960
N. Atl.	3.77	3.56	3.55	3.52	3.48
E. N. Cent.	3.04	2.67	2.70	2.66	2.63
W. N. Cent.	2.69	2.23	2.28	2.26	2.25
S. Atl.	3.65	3.33	3.39	3.32	3.30
S. Cent.	3.42	3.05	3.10	3.07	3.04
West.	3.43	3.21	3.18	3.18	3.17
U. S.					
Milk-selling areas.	3.29	2.94	2.96	2.93	2.90
Cream-selling areas	2.88	2.39	2.44	2.42	2.40
Combed milk and cream areas.....	3.23	2.89	2.92	2.89	2.86

Milk production 1 percent above last year

Milk production on farms in June is estimated at 12,141 million pounds. This is about 1 percent more than in June 1959, but 1 percent less than the 1949-58 average for the month. Production declined 4 percent from May to June, the same drop as in 1959, but more than the 10-year average decline of 2 percent. Relative to population, June production provided 2.25 pounds per person daily -- 1 percent less than a year earlier and 11 percent below the 10-year average rate for the month. For the first half of 1960, milk production totaled 66,483 million pounds, 1 percent more than for the corresponding period in 1959.

June milk production was a record high for the month in 6 States -- Pennsylvania, Minnesota, Virginia, North Carolina, Idaho, and California. June production was below average in 23 of the 36 States making monthly estimates. Output set record lows for the month in Illinois, South Dakota, Nebraska, Kansas, and Alabama, and equaled previous record lows set in 1959 in West Virginia, Arkansas, and Colorado. The downtrend in June production in many States represents a leveling out of the seasonal pattern of production.

Milk per cow continues at record level

Milk production per cow in herds kept by crop reporters averaged 22.89 pounds on July 1. This is about 1 percent above the previous record high set a year earlier. July 1 output per cow was above 1959 in all regions except the North Atlantic and East North Central. For the United States, the July 1 production rate per cow dropped 7 percent from June 1, compared with the average seasonal decline of 6 percent. All regions except the South Central show slightly more seasonal decline than usual.

Reporters were milking 78 percent of the cows in their herds on July 1, about the same as a year earlier, but more than the 10-year average of 76.5 percent for the date. All regions except the West North Central show a slightly lower percentage of cows being milked than on July 1 last year.

Condition of dairy pastures holds steady during June

Dairy pastures held up well in most sections of the country during June. Favorable weather and adequate moisture were reflected in good to excellent pasture feed conditions on July 1 everywhere except in some large areas of the South Atlantic and Gulf Coast States and the West. For the country as a whole, condition of pastures for milk cows on July 1 averaged 89 percent of normal -- the same as a month earlier. This is 5 percentage points above both July 1 last year and the 1949-58 average for the date. The 1949-58 average pasture condition figure shows a slight decline between June 1 and July 1 on a national basis.

Pastures in excellent condition in Northern Areas

Moisture and temperatures during June generally favored the growth of pastures in North Atlantic States and their condition did not deteriorate as much as usual. With the exception of New Jersey, the July 1 conditions in these States were well above the 10-year average for the date. This region also indicated a sharp gain from the condition on July 1 last year.

In the East and West North Central regions, dairy pastures improved a little less than usual during June, but continued in excellent condition. Temperatures and well-distributed rainfall during June combined generally to hold pasture conditions far above average and also a year earlier, when the condition deteriorated between June 1 and July 1. All East North Central States, except Illinois, indicated improved pasture conditions during June and all had gains over July 1 a year ago and average. These gains were sharp except in Ohio. Pastures improved tremendously in the Dakotas under the influence of relatively cool temperatures and adequate rainfall. With smaller advances from June 1 in all other West North Central States, except Missouri, the condition of pastures in that region on July 1 was excellent. By States, July 1 pasture conditions were well above average, with strongest gains in Kansas and the Dakotas.

Conditions in other regions near normal

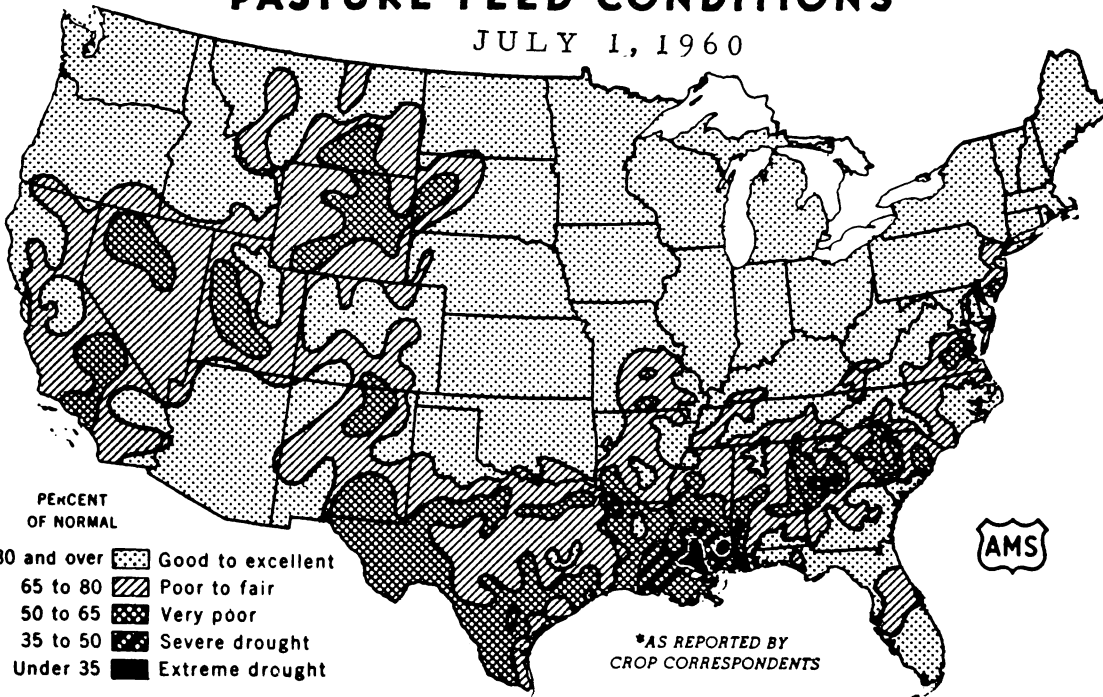
Sharp improvement in dairy pastures in West Virginia and Florida offset small declines in most other South Atlantic States. The July 1 condition in that region was only slightly above the 10-year average for the date, but it was considerably better than on July 1 last year when pasture conditions were far below normal.

Pasture feed conditions declined about normally during June in the South Central region where pastures already were in poorer than usual condition. However, some improvement was shown in Kentucky, Tennessee, and Oklahoma. The seasonal losses in all other States of this region were quite sharp, largely because of lack of moisture in Gulf coastal areas. Dairy pasture condition on July 1 in the region as a whole averaged 76 percent. This is 4 points under June 1 this year and 11 points off from July 1 last year, but only 2 points below average for the date.

In the West, trends in dairy pasture conditions during June varied considerably by States, but the region's average on July 1 was the same as on June 1. Conditions on July 1 were poorest in Wyoming, New Mexico, Utah, Nevada, and California, while they were good to excellent in the remaining States of the region. Pastures for milk stock for the West as a whole were in better condition than on July 1 last year and were only slightly below average for this time of year.

PASTURE FEED CONDITIONS*

JULY 1, 1960



- 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



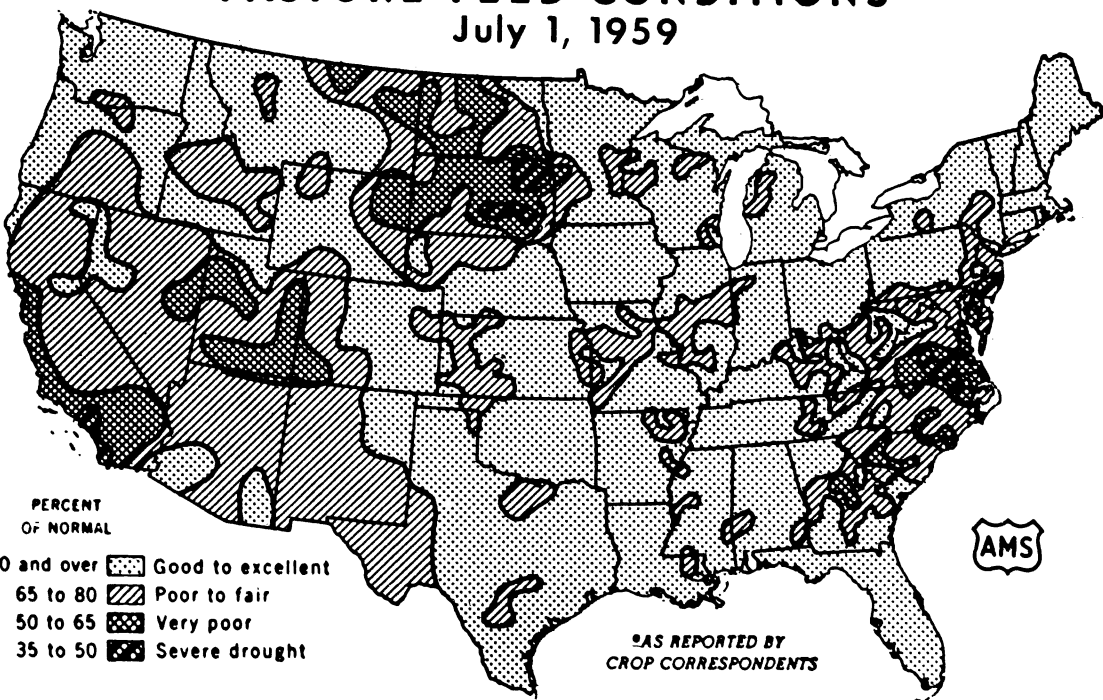
*AS REPORTED BY CROP CORRESPONDENTS

*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. 7968-60 (7) AGRICULTURAL MARKETING SERVICE

PASTURE FEED CONDITIONS*

July 1, 1959



- 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



*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. 7892-59 (7) AGRICULTURAL MARKETING SERVICE

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

State and division	Milk produced per milk cow 2/			Percent of milk cows milked		
	July 1, av. 1949-58	July 1, 1959	July 1, 1960	July 1, av. 1949-58	July 1, 1959	July 1, 1960
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Me.	22.6	24.9	24.5	82.9	83.9	82.5
N. H.	22.1	25.6	25.0	82.3	84.4	83.0
Vt.	22.5	24.3	23.9	87.0	84.7	86.0
Mass.	22.7	25.3	24.9	81.7	81.9	81.2
Conn.	22.2	25.0	24.1	80.8	79.9	79.8
N. Y.	25.7	28.5	26.6	85.9	86.6	84.1
N. J.	22.9	25.2	25.7	80.5	80.7	80.6
Pa.	23.3	26.2	25.9	83.7	83.8	83.0
N. Atl.	23.83	26.34	25.65	83.7	83.6	83.0
Ohio.....	22.9	24.6	24.3	80.1	79.4	80.1
Ind.	21.6	24.0	23.5	78.5	79.4	79.4
Ill.	21.8	24.1	23.9	75.4	78.2	76.2
Mich.	25.7	27.2	27.0	86.1	85.3	85.6
Wis.	26.0	27.7	27.4	89.1	88.1	88.2
E. N. Cent.	24.52	26.40	26.11	84.4	84.4	84.3
Minn.	24.6	26.5	28.3	86.4	86.6	89.2
Iowa.....	22.4	25.5	26.0	76.2	77.8	79.9
Mo.	17.0	18.2	19.1	69.9	71.5	69.8
N. Dak.	21.6	24.3	24.4	76.3	76.8	78.4
S. Dak.	19.6	21.6	22.3	72.3	75.2	74.3
Nebr.	20.6	22.1	23.5	74.8	73.8	74.7
Kans.	18.1	19.4	21.1	70.6	70.6	71.1
W. N. Cent.	20.89	23.40	24.17	76.2	78.1	78.6
Md.	18.6	22.3	22.1	75.6	78.1	74.4
Va.	17.6	19.6	21.7	71.6	72.8	74.2
W. Va.	16.6	18.2	18.0	73.0	71.5	70.2
N. C.	15.9	18.0	17.5	72.5	73.0	73.9
S. C.	12.9	13.8	13.5	67.7	66.6	64.8
Ga.	11.2	12.1	13.5	59.9	57.2	57.4
S. Atl.	15.59	17.68	18.04	69.7	73.0	71.7
Ky.	15.9	17.3	17.0	70.2	70.1	68.3
Tenn.	14.2	15.7	15.8	70.8	68.9	69.3
Ala.	10.3	10.1	9.3	57.6	53.9	52.0
Miss.	9.2	10.5	10.8	60.0	60.4	63.4
Ark.	11.4	14.6	14.5	60.9	64.6	63.4
La.	7.9	8.5	9.9	47.2	56.6	52.2
Okla.	13.3	15.3	15.8	62.5	65.9	63.4
Tex.	10.2	12.0	12.6	56.7	54.6	55.3
S. Cent.	12.25	14.39	14.44	62.6	63.8	63.6
Mont.	21.6	21.9	23.3	73.9	71.7	72.6
Idaho.....	24.6	26.3	28.2	82.2	82.7	85.2
Wyo.	22.3	24.2	21.9	73.5	74.4	70.1
Colo.	20.7	21.3	22.4	75.2	73.0	73.1
Utah.....	23.6	25.7	26.0	79.2	80.0	80.4
Wash.	24.5	26.1	26.8	82.8	82.9	81.0
Oreg.	23.2	24.0	24.3	81.3	84.0	82.7
Calif.	24.8	29.5	31.0	80.6	83.8	83.3
West.	23.56	26.25	27.01	79.9	81.9	80.9
U. S.	20.35	22.73	22.89	76.5	77.8	77.7

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, July 1, 1960 ^{1/}
 [Percent]

State and division	July 1, av. 1949-58	July 1, 1958	July 1, 1959	July 1, 1960
Me.	90	89	87	94
N. H.	86	89	88	97
Vt.	88	91	89	93
Mass.	85	93	90	92
R. I.	83	94	89	90
Conn.	82	92	93	89
N. Y.	83	90	86	93
N. J.	73	87	74	73
Pa.	83	88	83	90
N. Atl.	83	90	85	91
Ohio.....	89	93	89	91
Ind.	92	94	90	96
Ill.	89	94	83	95
Mich.	88	72	88	97
Wis.	88	77	86	94
E. N. Cent.	89	84	87	94
Minn.	88	85	84	96
Iowa.....	90	91	93	99
Mo.	81	94	81	87
N. Dak.	81	69	68	93
S. Dak.	82	86	58	92
Nebr.	86	95	85	94
Kans.	78	91	83	93
W. N. Cent.	85	88	82	94
Del.	80	91	58	82
Md.	81	91	71	87
Va.	85	98	68	85
W. Va.	88	95	77	88
N. C.	80	89	73	81
S. C.	70	76	72	70
Ga.	76	83	82	71
Fla.	78	86	89	84
S. Atl.	80	90	74	81
Ky.	87	95	83	86
Tenn.	83	86	88	80
Ala.	78	85	89	70
Miss.	79	90	89	64
Ark.	78	89	88	78
La.	76	87	88	52
Okla.	76	89	89	88
Tex.	69	82	87	68
S. Cent.	78	88	87	76
Mont.	83	80	80	81
Idaho.....	92	94	87	86
Wyo.	84	90	79	67
Colo.	73	90	81	84
N. Mex.	61	82	75	77
Ariz.	78	84	78	86
Utah.....	84	84	76	74
Nev.	88	97	72	68
Wash.	86	89	89	89
Oreg.	89	97	88	93
Calif.	81	89	68	77
West.	83	90	78	82
U. S.	84	87	84	89

^{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.