
Cattle on Feed



United States
Department of
Agriculture

Agricultural
Statistics
Board

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CATTLE ON FEED DOWN 5 PERCENT IN 13 QUARTERLY STATES

Cattle and calves on feed October 1, 1988, for slaughter in the 13 Quarterly States totaled 8.58 million head, down 5 percent from October 1, 1987 but 5 percent above 1986, according to the Agricultural Statistics Board.

The cattle on feed inventory included 5.54 million steers and steer calves, 6 percent below last year but 7 percent above 1986. This group represented 65 percent of the total October number on feed, compared to 66 percent last year and 63 percent in 1986. Heifers and heifer calves accounted for 3.01 million, down 2 percent from a year ago but up 1 percent from 1986.

PLACEMENTS of cattle and calves on feed during the July-September quarter totaled 5.96 million, down 10 percent from last year and 6 percent below the comparable period in 1986. OTHER DISAPPEARANCE of 223 thousand head leaves NET PLACEMENTS at 5.74 million.

MARKETINGS of fed cattle for slaughter during July-September totaled 6.15 million, 2 percent more than 1987 and 5 percent above the same period in 1986.

EXPECTED MARKETINGS FOR OCTOBER-DECEMBER DOWN SLIGHTLY

Cattle feeders expect to market 5.56 million head during the October-December quarter of 1988. This would be down fractionally from the fourth quarter marketings in 1987 but 3 percent above 1986.

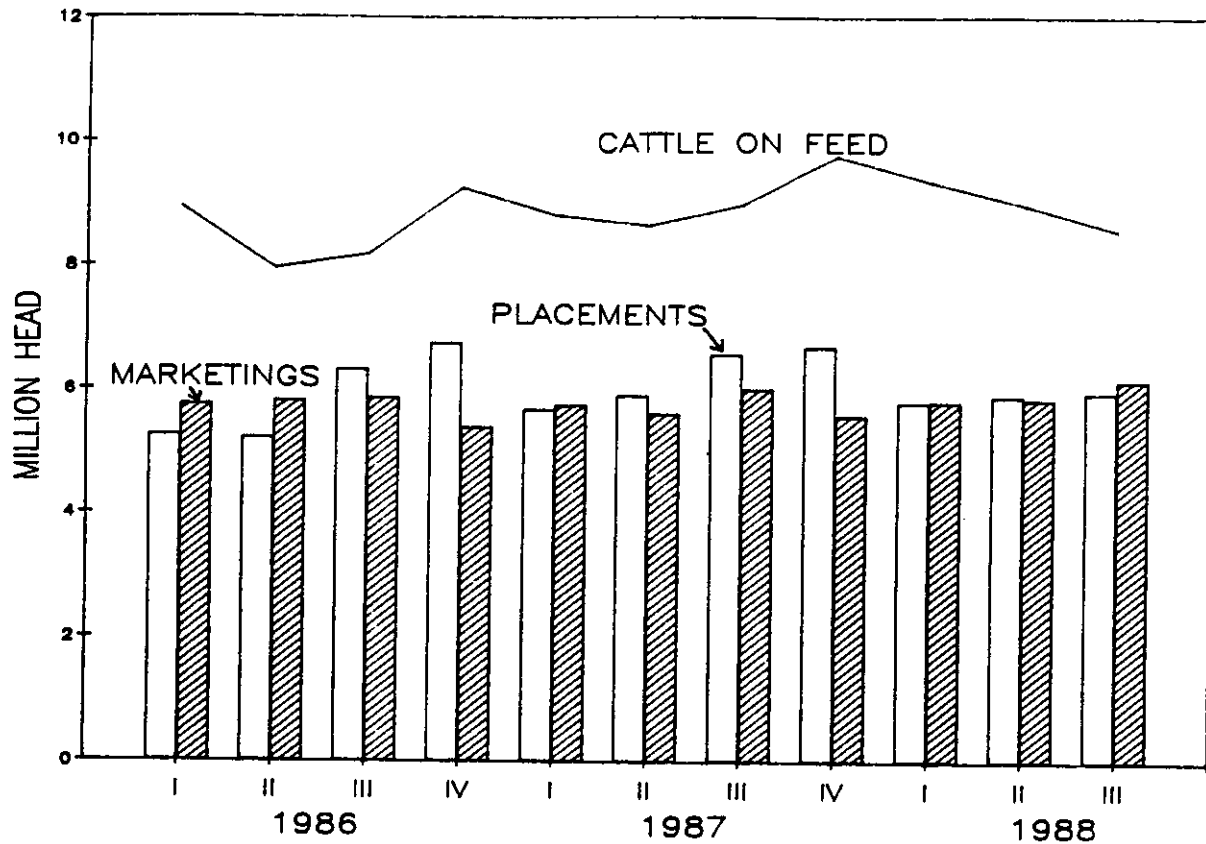
CATTLE ON FEED IN 7 MONTHLY STATES DOWN 5 PERCENT

Cattle on feed October 1, 1988, in the 7 monthly States totaled 7.13 million, 5 percent less than the previous year but 5 percent more than two years ago. PLACEMENTS in feedlots during September totaled 2.18 million, 10 percent below last year but 4 percent above 1986. MARKETINGS during September totaled 1.66 million, up 1 percent from September 1987 and up 2 percent from 1986. OTHER DISAPPEARANCE during September was 67 thousand head, 6 percent below last year but 14 percent above 1986.

The July-September QUARTERLY MARKETINGS for the 7 States, at 5.15 million were 2 percent higher than 1987 and 3 percent above 1986. This is the largest third quarter marketings for the 7 States since this series began in 1972. Marketings for the 7 States during the July-September quarter accounted for 84 percent of the 13 State total. EXPECTED 7 State MARKETINGS for the October-December 1988 quarter are estimated at 4.70 million, down fractionally from 1987 but up 3 percent from 1986.

CATTLE ON FEED, PLACEMENTS, MARKETINGS

BY QUARTERS FOR 13 STATES



CATTLE OF FEED, PLACED AND MARKETED
BY QUARTERS, 13 STATES

QUARTER	PLACED	MARKETED	CATTLE ON FEED	
			DATE	NUMBER
			(000)	
1986				
JAN-MAR	5,270	5,763	APR 1,	8,945
APR-JUN	5,221	5,821	JUL 1,	7,970
JUL-SEP	6,336	5,876	OCT 1,	8,197
OCT-DEC	6,756	5,396	JAN 1, 1987	9,245
1987				
JAN-MAR	5,680	5,747	APR 1,	8,807
APR-JUN	5,906	5,619	JUL 1,	8,666
JUL-SEP	6,590	6,022	OCT 1,	8,992
OCT-DEC	6,698	5,583	JAN 1, 1988	9,769
1988				
JAN-MAR	5,796	5,810	APR 1,	9,365
APR-JUN	5,898	5,854	JUL 1,	8,991
JUL-SEP	5,959	6,151	OCT 1,	8,576

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS, AND
OTHER DISAPPEARANCE, JUL 1 - OCT 1, 1986, 1987 AND 1988
13 STATES

ITEM	NUMBER			: 1988 AS % OF	
	: 1986	: 1987	: 1988	: 1986	: 1987
		1,000 HEAD		PERCENT	
ON FEED JUL 1-----	7,970	8,666	8,991	113	104
PLACED ON FEED JUL 1 - SEP 30 1/--	6,336	6,590	5,959	94	90
FED CATTLE MARKETED JUL 1 - SEP 30 1/--	5,876	6,022	6,151	105	102
OTHER DISAPPEARANCE JUL 1 - SEP 30 2/--	233	242	223	96	92
ON FEED OCT 1-----	8,197	8,992	8,576	105	95
KINDS ON FEED OCT 1					
STEERS AND STEER CALVES-----	5,184	5,900	5,538	107	94
HEIFERS AND HEIFER CALVES-----	2,991	3,062	3,006	101	98
COWS AND OTHER-----	22	30	32	145	107
NUMBER ON FEED BY WEIGHT GROUPS OCT 1					
STEERS AND STEER CALVES					
LESS THAN 500 POUNDS-----	179	334	309	173	93
500-699 POUNDS-----	589	779	593	101	76
700-899 POUNDS-----	1,840	2,078	1,837	100	88
900-1099 POUNDS-----	1,899	1,978	2,025	107	102
1100 POUNDS AND OVER-----	677	731	774	114	106
HEIFERS AND HEIFER CALVES					
LESS THAN 500 POUNDS-----	84	117	128	152	109
500-699 POUNDS-----	573	619	528	92	85
700-899 POUNDS-----	1,471	1,358	1,325	90	98
900 POUNDS AND OVER-----	863	968	1,025	119	106
MARKETINGS OCT - DEC 3/--	5,396	5,583	5,560	103	100

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER. 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING. 3/ TOTAL MARKETINGS INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR PREVIOUS YRS.; EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR CURRENT YEAR.

CATTLE ON FEED: NUMBER ON FEED
BY QUARTERS OCT 1, 1987, JUL 1, AND OCT 1, 1988 1/

STATE	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988 1/	
			NUMBER	AS % OF 1987
	1,000 HEAD		PERCENT	
ARIZ	300	211	214	71
CALIF	475	445	515	108
COLO	830	825	795	96
IDAHO	185	205	226	122
ILL	310	330	280	90
IOWA	530	565	500	94
KANSAS	1,450	1,555	1,475	102
MINN	225	275	220	98
NEBR	1,780	1,730	1,740	98
OKLA	300	330	305	102
S DAK	240	260	215	90
TEXAS	2,170	2,090	1,890	87
WASH	197	170	201	102
13 STS	8,992	8,991	8,576	95

1/ CATTLE AND CALVES ON FEED ARE ANIMALS FOR SLAUGHTER MARKET BEING FED A FULL RATION OF GRAIN OR OTHER CONCENTRATES AND ARE EXPECTED TO PRODUCE A CARCASS THAT WILL GRADE SELECT OR BETTER.

CATTLE ON FEED: NUMBER PLACED ON FEED, BY QUARTERS, 1987-1988 1/

STATE	JUL- SEP 1987	APR- JUN 1988	JUL - SEP 1988	
			NUMBER	AS % OF 1987
	1,000 HEAD		PERCENT	
ARIZ	176	113	105	60
CALIF	289	355	320	111
COLO	705	575	618	88
IDAHO	145	155	158	109
ILL	175	130	160	91
IOWA	393	330	395	101
KANSAS	1,175	1,105	1,090	93
MINN	105	100	110	105
NEBR	1,390	1,130	1,360	98
OKLA	230	205	195	85
S DAK	160	130	135	84
TEXAS	1,490	1,460	1,160	78
WASH	157	110	153	97
13 STS	6,590	5,898	5,959	90

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER.

CATTLE ON FEED: FED CATTLE MARKETED, OTHER DISAPPEARANCE,
BY QUARTERS, 1987-88

STATE	FED CATTLE MARKETED 1/				OTHER DISAPPEARANCE 2/			
	JUL- SEP 1987	APR- JUN 1988	JUL-SEP 1988 NUMBER	AS % OF 1987	JUL- SEP 1987	APR- JUN 1988	JUL-SEP 1988 NUMBER	AS % OF 87
	1,000 HEAD		PERCENT		1,000 HEAD		PERCENT	
ARIZ	103	165	97	94	16	28	5	31
CALIF	200	200	210	105	29	65	40	138
COLO	615	535	635	103	20	30	13	65
IDAHO	122	128	134	110	5	4	3	60
ILL	210	160	205	98	5	10	5	100
IOWA	403	415	445	110	15	30	15	100
KANSAS	1,080	995	1,155	107	35	45	15	43
MINN	165	135	160	97	5	10	5	100
NEBR	1,170	1,300	1,310	112	40	100	40	100
OKLA	190	175	215	113	5	5	5	100
S DAK	160	120	170	106	10	40	10	100
TEXAS	1,495	1,415	1,295	87	55	50	65	118
WASH	109	111	120	110	2	1	2	100
13 STS	6,022	5,854	6,151	102	242	418	223	92

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES, AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING.

CATTLE ON FEED: EXPECTED TOTAL MARKETINGS OCT 1 - DEC 31, 1988
WITH COMPARISONS

STATE	TOTAL MARKETINGS		EXPECTED TOTAL MARKETINGS	
	OCT-DEC, 1987	1/	OCT-DEC, 1988 2/	AS % OF 1987
	1,000 HEAD		PERCENT	
ARIZ	88		78	89
CALIF	220		250	114
COLO	460		500	109
IDAHO	134		146	109
ILL	175		160	91
IOWA	477		425	89
KANSAS	935		1,000	107
MINN	110		105	95
NEBR	1,240		1,250	101
OKLA	160		195	122
S DAK	155		130	84
TEXAS	1,305		1,200	92
WASH	124		121	98
13 STS	5,583		5,560	100

1/ TOTAL MARKETINGS OF CATTLE INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31. 2/ EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31.

CATTLE ON FEED: NUMBER ON FEED BY CLASSES,
BY QUARTERS OCT 1, 1987, JUL 1, AND OCT 1, 1988

	: STEERS; STEER CALVES			: HEIFERS; HEIFER CALVES:			COWS AND OTHERS		
STATE	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988
	1,000 HEAD								
ARIZ	296	207	209	4	4	5	0	0	0
CALIF	427	348	441	43	95	72	5	2	2
COLO	434	460	424	395	362	370	1	3	1
IDAHO	128	154	153	56	44	68	1	7	5
ILL	164	168	160	146	162	120	0	0	0
IOWA	355	361	354	170	198	142	5	6	4
KANSAS	943	949	959	507	606	516	0	0	0
MINN	160	192	158	63	80	60	2	3	2
NEBR	1,050	1,000	980	720	720	750	10	10	10
OKLA	204	232	210	96	92	94	0	6	1
S DAK	143	145	116	95	111	95	2	4	4
TEXAS	1,476	1,442	1,247	690	646	641	4	2	2
WASH	120	107	127	77	63	73	0	0	1
13 STS	5,900	5,765	5,538	3,062	3,183	3,006	30	43	32

CATTLE ON FEED: STEERS AND STEER CALVES ON FEED BY WEIGHT GROUPS,
BY QUARTERS, OCT 1, 1987, JUL 1, AND OCT 1, 1988

STATE	UNDER 500 POUNDS			500-699 POUNDS			700-899 POUNDS		
	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988
	1,000 HEAD								
ARIZ	89	38	65	94	42	53	69	70	56
CALIF	137	89	118	64	69	75	158	107	140
COLO	6	3	10	48	26	27	205	112	184
IDAHO	0	0	0	12	3	9	61	62	60
ILL	2	5	5	15	11	15	52	38	70
IOWA	12	7	18	30	18	32	91	90	114
KANSAS	10	9	9	113	48	58	405	294	307
MINN	8	10	11	18	23	19	41	44	39
NEBR	20	0	40	70	50	60	340	230	280
OKLA	6	14	7	39	11	29	86	51	83
S DAK	0	0	1	9	4	5	37	35	31
TEXAS	44	14	25	266	231	200	487	505	436
WASH	0	0	0	1	4	11	46	24	37
13 STS	334	189	309	779	540	593	2,078	1,662	1,837

STATE	900-1,099 POUNDS			1,100 POUNDS AND OVER		
	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988
	1,000 HEAD					
ARIZ	42	54	29	2	3	6
CALIF	60	68	78	8	15	30
COLO	120	255	150	55	64	53
IDAHO	37	66	56	18	23	28
ILL	69	79	47	26	35	23
IOWA	168	184	140	54	62	50
KANSAS	302	427	451	113	171	134
MINN	64	77	54	29	38	35
NEBR	480	480	390	140	240	210
OKLA	49	115	65	24	41	26
S DAK	61	76	49	36	30	30
TEXAS	472	606	461	207	86	125
WASH	54	44	55	19	35	24
13 STS	1,978	2,531	2,025	731	843	774

CATTLE ON FEED: HEIFERS AND HEIFER CALVES ON FEED BY WEIGHT GROUPS,
BY QUARTERS OCT 1, 1987, JUL 1, AND OCT 1, 1988

STATE	UNDER 500 POUNDS			500-699 POUNDS		
	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988
	1,000 HEAD					
ARIZ	1	1	2	1	1	1
CALIF	9	10	19	5	33	17
COLO	10	5	1	87	28	71
IDAHO	0	0	0	7	6	5
ILL	5	2	5	32	21	22
IOWA	3	6	9	26	22	35
KANSAS	5	6	10	117	79	98
MINN	2	2	2	9	11	7
NEBR	10	0	20	90	70	60
OKLA	2	1	7	29	15	20
S DAK	1	0	2	11	11	8
TEXAS	69	26	51	193	168	173
WASH	0	0	0	12	4	11
13 STS	117	59	128	619	469	528

STATE	700-899 POUNDS			900 POUNDS AND OVER		
	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988	OCT 1, 1987	JUL 1, 1988	OCT 1, 1988
	1,000 HEAD					
ARIZ	1	1	1	1	1	1
CALIF	19	48	32	10	4	4
COLO	221	175	176	77	154	122
IDAHO	29	19	35	20	19	28
ILL	60	73	53	49	66	40
IOWA	54	95	56	87	75	42
KANSAS	223	327	258	162	194	150
MINN	26	36	27	26	31	24
NEBR	360	340	320	260	310	350
OKLA	40	47	42	25	29	25
S DAK	42	46	44	41	54	41
TEXAS	249	310	244	179	142	173
WASH	34	23	37	31	36	25
13 STS	1,358	1,540	1,325	968	1,115	1,025

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS, AND
OTHER DISAPPEARANCE, JUL 1 - OCT 1, 1986, 1987, AND 1988
7 STATES

ITEM	NUMBER			1988 AS % OF	
	1986	1987	1988	1986	1987
	1000 HEAD			PERCENT	
ON FEED JUL 1-----	6,543	7,193	7,421	113	103
PLACED ON FEED JUL 1 - SEP 30 1/--	5,449	5,618	5,048	93	90
FED CATTLE MARKETED JUL 1 - SEP 30 1/--	4,988	5,066	5,147	103	102
OTHER DISAPPEARANCE JUL 1 - SEP 30 2/--	193	210	193	100	92
ON FEED OCT 1-----	6,811	7,535	7,129	105	95
KINDS ON FEED OCT 1					
STEERS AND STEER CALVES-----	4,340	4,981	4,614	106	93
HEIFERS AND HEIFER CALVES-----	2,453	2,529	2,496	102	99
COWS AND OTHER-----	18	25	19	106	76
NUMBER ON FEED BY WEIGHT GROUPS OCT 1					
STEERS AND STEER CALVES					
LESS THAN 500 POUNDS-----	164	318	285	174	90
500-699 POUNDS-----	511	685	505	99	74
700-899 POUNDS-----	1,575	1,755	1,517	96	86
900-1099 POUNDS-----	1,559	1,644	1,699	109	103
1100 POUNDS AND OVER-----	531	579	608	115	105
HEIFERS AND HEIFER CALVES					
LESS THAN 500 POUNDS-----	76	107	112	147	105
500-699 POUNDS-----	479	519	455	95	88
700-899 POUNDS-----	1,211	1,127	1,087	90	96
900 POUNDS AND OVER-----	687	776	842	123	109
MARKETINGS OCT - DEC 3/--	4,548	4,725	4,703	103	100

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER. 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING. 3/ TOTAL MARKETINGS INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR PREVIOUS YEARS; EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR CURRENT YEAR.

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS, AND
OTHER DISAPPEARANCE,
7 STATES, SEP 1 TO OCT 1

ITEM	NUMBER			1988 AS % OF	
	1986	1987	1988	1986	1987
	1,000 HEAD			PERCENT	
ON FEED SEP 1 1/	6,404	6,818	6,674	104	98
PLACED ON FEED DURING SEP	2,103	2,429	2,184	104	90
FED CATTLE MARKETED DURING SEP	1,637	1,641	1,662	102	101
OTHER DISAPPEARANCE DURING SEP 2/	59	71	67	114	94
ON FEED OCT 1 1/	6,811	7,535	7,129	105	95

1/ CATTLE AND CALVES ON FEED ARE ANIMALS FOR SLAUGHTER MARKET BEING FED A FULL RATION OF GRAIN OR OTHER CONCENTRATES AND ARE EXPECTED TO PRODUCE A CARCASS THAT WILL GRADE SELECT OR BETTER. 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING.

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS, AND
OTHER DISAPPEARANCE,
BY STATES, APR 1 TO OCT 1

STATE	NUMBER ON FEED			PLACED			MARKETED			OTHER DISAPPEAR.		
	1987	1988	88/87	1987	1988	88/87	1987	1988	88/87	1987	1988	88/87
	1,000 HEAD PCT			1,000 HEAD PCT			1,000 HEAD PCT			1,000 HEAD PCT		
	APR 1			DURING APR			DURING APR			DURING APR		
ARIZ :	297	291	98	36	41	114	46	54	117	9	9	100
CALIF :	315	355	113	100	125	125	60	65	108	25	20	80
COLO :	765	815	107	210	190	90	165	175	106	10	10	100
IOWA :	675	680	101	130	135	104	150	125	83	10	10	100
KANSA :	1350	1490	110	340	320	94	300	310	103	10	20	200
NEBR :	1860	2000	108	390	360	92	400	390	98	50	50	100
TEXAS :	1970	2095	106	475	360	76	420	495	118	25	20	80
7 STS :	7232	7726	107	1681	1531	91	1541	1614	105	139	139	100
	MAY 1			DURING MAY			DURING MAY			DURING MAY		
ARIZ :	278	269	97	44	35	80	54	59	109	13	16	123
CALIF :	330	395	120	130	130	100	50	70	140	20	30	150
COLO :	800	820	103	220	270	123	135	175	130	15	15	100
IOWA :	645	680	105	135	115	85	150	135	90	10	10	100
KANSA :	1380	1480	107	405	495	122	325	350	108	5	15	300
NEBR :	1800	1920	107	420	420	100	390	430	110	60	40	67
TEXAS :	2000	1940	97	630	705	112	410	500	122	20	15	75
7 STS :	7233	7504	104	1984	2170	109	1514	1719	114	143	141	99
	JUN 1			DURING JUN			DURING JUN			DURING JUN		
ARIZ :	255	229	90	52	37	71	62	52	84	2	3	150
CALIF :	390	425	109	95	100	105	50	65	130	20	15	75
COLO :	870	900	103	95	115	121	190	185	97	15	5	33
IOWA :	620	650	105	90	80	89	145	155	107	10	10	100
KANSA :	1455	1610	111	300	290	97	360	335	93	5	10	200
NEBR :	1770	1870	106	300	350	117	450	480	107	20	10	50
TEXAS :	2200	2130	97	490	395	81	445	420	94	15	15	100
7 STS :	7560	7814	103	1422	1367	96	1702	1692	99	87	68	78
	JUL 1			DURING JUL			DURING JUL			DURING JUL		
ARIZ :	243	211	87	45	26	58	43	35	81	7	2	29
CALIF :	415	445	107	79	75	95	60	70	117	9	15	167
COLO :	760	825	109	100	100	100	210	215	102	10	5	50
IOWA :	555	565	102	80	85	106	130	150	115	5	5	100
KANSA :	1390	1555	112	305	315	103	370	400	108	5	5	100
NEBR :	1600	1730	108	280	340	121	380	470	124	20	10	50
TEXAS :	2230	2090	94	385	305	79	510	425	83	15	20	133
7 STS :	7193	7421	103	1274	1246	98	1703	1765	104	71	62	87
	AUG 1			DURING AUG			DURING AUG			DURING AUG		
ARIZ :	238	200	84	67	35	52	34	35	103	3	1	33
CALIF :	425	435	102	105	135	129	70	75	107	5	10	200
COLO :	640	705	110	200	148	74	210	190	90	5	3	60
IOWA :	500	495	99	123	145	118	128	160	125	5	5	100
KANSA :	1320	1465	111	450	385	86	350	405	116	20	5	25
NEBR :	1480	1590	107	430	370	86	430	420	98	10	20	200
TEXAS :	2090	1950	93	540	400	74	500	435	87	20	20	100
7 STS :	6693	6840	102	1915	1618	84	1722	1720	100	68	64	94
	SEP 1			DURING SEP			DURING SEP			DURING SEP		
ARIZ :	268	199	74	64	44	69	26	27	104	6	2	33
CALIF :	455	485	107	105	110	105	70	65	93	15	15	100
COLO :	625	660	106	405	370	91	195	230	118	5	5	100
IOWA :	490	475	97	190	165	87	145	135	93	5	5	100
KANSA :	1400	1440	103	420	390	93	360	350	97	10	5	50
NEBR :	1470	1520	103	680	650	96	360	420	117	10	10	100
TEXAS :	2110	1895	90	565	455	81	485	435	90	20	25	125
7 STS :	6818	6674	98	2429	2184	90	1641	1662	101	71	67	94
	OCT 1											
ARIZ :	300	214	71									
CALIF :	475	515	108									
COLO :	830	795	96									
IOWA :	530	500	94									
KANSA :	1450	1475	102									
NEBR :	1780	1740	98									
TEXAS :	2170	1890	87									
7 STS :	7535	7129	95									

