



PRELIMINARY

PG17 BULLETIN # 12@

FEEDER CATTLE CALL OPTIONS

Fri, Jan 17, 2025 PG17

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT PLUS CLEARED VOLUME FIGURES REFLECT CME REGULAR TRADING HOURS SESSION ONLY. RTH VOLUME REFLECTS PIT TRADING AND CASH-FOR-FUTURES ONLY. VOLUME OR OPEN INTEREST (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: CASH FOR FUTURES, SPREADS, PRIOR DAYS' CLEARED TRADES (OUT-TRADES), POSITION ADJUSTMENTS, OPTIONS EXERCISES, POSITIONS IN DELIVERY, OR POSITIONS IN A CASH SETTLEMENT CYCLE. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT SESSION #=NEW CONTRACT HIGH PRICE *=NEW CONTRACT LOW PRICE R=RECORD VOL OR OPN INT. SETTLEMENT PRICE DETERMINED BY CME RULE 813. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT. CAB= (CABINET TRANSACTION) - 1/2 TICK VALUE = \$6.25 PRODUCT LISTINGS REPRESENT CONTRACTS WITH PRICE/VOLUME ACTIVITY AND/OR HAVE ESTABLISHED OPEN INTEREST. PRODUCTS ELIGIBLE TO TRADE BUT ARE INACTIVE DO NOT APPEAR IN THIS REPORT.

FEEDER CATTLE CONTRACTS LAST TRADE DATES

Table with columns: EXPIRATION, JAN25, MAR25, APR25, MAY25, AUG25, SEP25, OCT25, NOV25, JAN26. Rows: FDR CATTLE FUT, FDR CATTLE OPT.

EXPIRATION:

FEEDER CATTLE OPTIONS ON FUTURES

ELIGIBLE OPTIONS SERIES (CALLS & PUTS) FOR TRADING: FRI, JAN 17

Table with columns: JAN25, MAR25, APR25, MAY25, AUG25, SEP25, OCT25, NOV25. Row: ZF 112.0-414.0 112.0-404.0 114.0-404.0 114.0-404.0 118.0-410.0 122.0-408.0 122.0-404.0 128.0-402.0

FEEDER CATTLE FUTURES

Table with columns: FDR CATTLE FUT, GLOBEX OPEN, GLOBEX HIGH, GLOBEX LOW, SETT.PRICE &, RTH, GLOBEX®, OPEN, -52 WEEKS (364 DAYS) AGO-. Rows: JAN25, MAR25, APR25, MAY25, AUG25, SEP25, OCT25, NOV25, TOTAL.

FEEDER CATTLE CALLS

Table with columns: STRIKE OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows: FDR CATTLE CALL, JAN25, FDR CATTLE CALL, (FUTURES SETT. 273.500 + 5.0), 2100, 2240, 2300, 2320, 2340, 2360, 2380, 2390, 2400, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2505, 2510, 2520, 2530, 2535, 2540, 2545, 2550, 2555, 2560, 2565, 2570, 2575, 2580, 2585, 2590, 2595, 2600, 2605, 2610, 2615, 2620, 2625, 2630, 2635, 2640, 2645, 2650, 2655, 2660, 2665, 2670, 2675, 2680, 2685, 2690, 2695, 2700, 2705, 2710, 2715, 2720, 2725, 2730, 2735, 2740, 2745, 2750, 2755, 2760, 2765, 2770, 2780, 2785, 2790, 2800, 2805, 2810, 2820, 2830, 2835, 2840, 2850, 2860, 2870, 2880, 2890, 2900, 2920, 2940, 2950, 2960, 2980, 3000, 3040, 3060, 3140, 3200.



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FEEDER CATTLE CALL OPTIONS

Fri, Jan 17, 2025 PG17

		(FUTURES SETT.	273.500 +	5.0)								
3260	----	----	.01A	----	CAB	----	----	----	----	1	UNCH	.37B .01A
3320	----	----	.01A	----	CAB	----	----	----	----	47	UNCH	.27B .01A
3380	----	----	.01A	----	CAB	----	----	----	----	2	UNCH	.22B .01A
4080	----	----	.01A	----	CAB	----	----	----	----	160	UNCH	.02B .01A
TOTAL									411	11673	-	193
MAR25		(FUTURES SETT.	268.050 +	32.5)								
2210	----	47.97B	45.32A	----	47.07 +	35	.984	----	----	2	UNCH	49.67B 19.80A
2220	----	46.97B	44.25A	----	46.07 +	32	.984	----	----	3	UNCH	48.70B 10.05A
2250	----	44.00B	41.35A	----	43.10 +	32	.981	----	----	39	UNCH	45.75B 16.62A
2270	----	42.00B	39.37A	----	41.12 +	35	.978	----	----	3	UNCH	43.77B 15.07A
2280	----	41.02B	38.37A	----	40.12 +	32	.976	----	----	18	UNCH	42.75B 7.30A
2290	----	40.02B	37.40A	----	39.12 +	32	.975	----	----	16	UNCH	41.77B 13.36A
2300	----	39.05B	36.35A	----	38.15 +	32	.972	----	----	22	UNCH	40.80B 6.52A
2320	----	37.07B	34.37A	----	36.20 +	32	.969	----	----	4	UNCH	38.87B 5.82A
2330	----	36.10B	33.47A	----	35.20 +	32	.966	----	----	3	UNCH	37.85B 10.92A
2340	----	35.12B	32.50A	----	34.22 +	32	.964	----	----	100	UNCH	36.92B 5.17A
2360	----	33.15B	30.55A	----	32.27 +	32	.958	----	----	24	UNCH	34.92B 4.60A
2370	----	32.17B	29.57A	----	31.30 +	30	.955	----	----	4	UNCH	34.00B 8.50A
2380	----	31.20B	28.62A	----	30.35 +	32	.952	----	----	42	UNCH	32.97B 4.05A
2390	----	30.25B	27.65A	----	29.37 +	30	.949	----	----	19	UNCH	32.05B 7.42A
2400	----	29.27B	26.65A	----	28.42 +	32	.943	----	----	133	UNCH	31.10B 3.55A
2410	----	28.32B	25.62A	----	27.45 +	30	.938	----	----	2	UNCH	30.10B 6.42A
2420	----	27.35B	24.70A	----	26.50 +	30	.932	----	----	40	UNCH	29.22B 3.12A
2430	----	26.40B	23.77A	----	25.55 +	30	.927	----	----	23	UNCH	28.20B 5.50A
2440	----	25.45B	22.82A	----	24.62 +	32	.921	----	----	1755	UNCH	27.25B 2.77A
2450	----	24.50B	21.90A	----	23.67 +	30	.915	----	----	8	UNCH	26.40B 4.65A
2460	----	23.57B	21.00A	----	22.75 +	30	.907	----	----	167	UNCH	25.47B 2.42A
2470	----	22.62B	20.07A	----	21.82 +	30	.899	----	----	7	UNCH	24.55B 3.92A
2480	----	21.70B	19.20A	----	20.90 +	30	.891	----	----	100	UNCH	23.62B 2.15A
2490	----	20.77B	18.27A	----	20.00 +	30	.883	----	----	15	UNCH	22.72B 3.27A
2500	18.80	19.90B	17.40A	----	19.10 +	30	.872	----	10	490	UNCH	21.82B 1.90A
2510	----	18.97B	16.52A	----	18.20 +	30	.862	----	----	47	UNCH	20.92B 2.72A
2520	----	18.07B	15.67A	----	17.32 +	30	.849	----	----	520	UNCH	20.00B 1.70A
2530	----	17.20B	14.85A	----	16.45 +	27	.836	----	----	17	UNCH	19.12B 2.25A
2540	----	16.32B	14.02A	----	15.60 +	27	.823	----	----	837	UNCH	18.25B 1.50A
2550	15.00	15.47B	13.20A	----	14.75 +	27	.808	----	1	45	UNCH	17.42B 1.85A
2560	----	14.65B	12.42A	----	13.92 +	27	.792	----	----	366	UNCH	16.57B 1.35A
2570	----	13.80B	11.65A	----	13.12 +	27	.775	----	----	31	UNCH	15.75B 1.55A
2580	----	13.00B	10.90A	----	12.32 +	25	.756	----	----	242	UNCH	15.27B 1.20A
2590	----	12.17B	10.15A	----	11.55 +	25	.736	----	----	71	UNCH	14.17B 1.27A
2600	9.62	11.42B	9.42A	----	10.80 +	22	.716	----	18	615	-	17 14.20B 1.07A
2610	10.07	10.65B	8.75A	----	10.07 +	22	.693	----	1	80	+	1 12.55B 1.07A
2620	----	9.92B	8.12A	----	9.37 +	22	.670	----	----	1850	UNCH	13.20B .95A
2630	----	9.25B	7.45A	----	8.70 +	22	.646	----	----	523	UNCH	11.10B .90A
2640	7.52	8.62B	6.87A	----	8.05 +	20	.620	----	2	167	UNCH	12.22B .82A
2650	----	7.90B	6.27A	----	7.42 +	20	.594	----	----	223	UNCH	9.75 .77A
2660	6.50	7.27B	5.75A	----	6.82 +	17	.567	----	100	317	-	35 11.32B .70A
2670	----	6.67B	5.25A	----	6.20 +	15	.540	----	----	106	UNCH	8.42B .65A
2680	5.10	6.10B	4.77A	----	5.70 +	12	.511	----	11	468	-	1 10.45B .60A
2690	----	5.57B	4.32A	----	5.20 +	12	.483	----	----	102	UNCH	7.22B .57A
2700	4.17	5.05B	3.90A	----	4.72 +	12	.454	----	142	607	-	23 9.62B .52A
2710	----	4.57B	3.52A	----	4.27 +	10	.426	----	----	39	UNCH	6.15 .50A
2720	3.55	4.12B	3.17A	----	3.85 +	7	.397	----	56	328	+	28 8.85B .45A
2730	----	3.70B	2.82A	----	3.47 +	7	.369	----	----	121	UNCH	5.12B .42A
2740	2.65	3.32B	2.55A	----	3.12 +	7	.343	----	1	168	-	1 8.12B .40A
2750	2.50	3.05	2.27A	----	2.77 +	2	.315	----	63	255	+	33 4.25B .37A
2760	----	2.65B	2.05A	----	2.42 +	2	.290	----	----	96	+	4 7.45B .35A
2770	----	2.35B	1.80A	----	2.22 +	2	.267	----	----	87	UNCH	3.47B .35A
2780	1.77	2.10B	1.62A	----	1.97 +	2	.243	----	----	74	UNCH	6.80B .30A
2790	1.47	1.87B	1.45A	----	1.75 +	UNCH	.221	----	----	54	+	24 2.80B .30A
2800	1.50	1.65B	1.27A	----	1.55	UNCH	.201	----	56	242	+	1 6.22B .27A
2810	----	1.47B	1.15A	----	1.37	UNCH	.182	----	----	20	UNCH	2.22B .27A
2820	----	1.30B	1.02A	----	1.22	UNCH	.165	----	----	59	UNCH	5.65B .25A
2830	----	1.15B	.92A	----	1.10	UNCH	.150	----	----	31	UNCH	1.77B .25A
2840	----	1.02B	.82A	----	.97	UNCH	.136	----	----	28	UNCH	5.15B .22A
2850	0.75	.92B	.75	----	.87	UNCH	.123	----	22	28	+	11 1.42B .22A
2860	----	.80B	.67A	----	.77	-	.111	----	----	39	UNCH	4.65B .22A
2870	----	.72B	.60A	----	.70	UNCH	.101	----	----	24	UNCH	1.12B .20A
2880	----	.65B	.55A	----	.62	UNCH	.091	----	----	8	UNCH	4.22B .20A
2890	----	.57B	.50A	----	.55	-	.081	----	----	1	UNCH	.90B .20A
2900	----	.50B	.45A	----	.50	-	.074	----	3	81	UNCH	3.77B .17A
2910	----	.45B	.42A	----	.45	-	.067	----	3	23	+	3 1.7A
2920	----	.40B	.37A	----	.42	UNCH	.063	----	----	70	UNCH	3.40B .17A
2930	----	.35B	.35A	----	.37	UNCH	.056	----	----	60	UNCH	.62B .17A
2940	----	.32B	.32A	----	.35	UNCH	.052	----	----	6	UNCH	1.22B .17A
2950	----	.30B	.30A	----	.32	UNCH	.048	----	----	9	UNCH	.55 .15A
2960	----	.27B	.30A	----	.30	UNCH	.044	----	----	14	UNCH	1.07B .15A
2980	----	.22B	.22A	----	.25	UNCH	.037	----	----	90	UNCH	.95B .12A
2990	----	.20B	.22A	----	.22	UNCH	.034	----	----	28	UNCH	.37 .10
3000	0.22	.22	.20A	----	.20	UNCH	.030	----	24	679	-	6 1.00B .12A
3010	0.20	.20	.20	----	.20	UNCH	.029	----	3	3	+	3 .30B .12A
3020	----	.15B	.17A	----	.17	UNCH	.026	----	----	3	UNCH	.75B .10A
3030	----	.15B	.17A	----	.15	UNCH	.023	----	----	2	UNCH	.25B .10A
3040	----	.12B	.15A	----	.15	UNCH	.022	----	11	11	UNCH	.65B .10A
3050	----	.12B	.15A	----	.12	UNCH	.019	----	----	10	UNCH	.22B .10
3060	----	.10B	.15A	----	.12	UNCH	.018	----	----	20	UNCH	.57B .10A
3070	----	.10B	.12A	----	.12	UNCH	.018	----	----	31	UNCH	.20B .07A
3080	----	.10B	.12A	----	.10	UNCH	.015	----	----	85	UNCH	.50B .07A
3100	----	.07B	.12A	----	.10	UNCH	.014	----	----	12	UNCH	.45B .07A
3120	----	.07B	.10A	----	.07	UNCH	.011	----	----	10	UNCH	.40B .07A
3310	----	.02B	.05A	----	.05	UNCH	.006	----	----	1	UNCH	.05B .05
TOTAL									545	13214	+	27
APR25		(FUTURES SETT.	268.125 -	7.5)								
2260	----	43.10B	40.82A	----	42.30 -	7	.964	----	----	1	UNCH	45.32B 10.02A
2320	----	37.25B	35.02A	----	36.50 -	5	.948	----	----	2	UNCH	39.72B 7.42A
2340	----	35.32B	33.05A	----	34.57 -	5	.941	----	----	6	UNCH	37.92B 6.67A
2360	----	33.42B	31.22A	----	32.67 -	5</						



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		(FUTURES SETT. 268.125 - 7.5)											
3080	----	.25B	.27A	----	.27	UNCH	.033	----	----	2	UNCH	.37B	.12
3120	----	.20B	.22A	----	.20	----	.024	----	1	101 +	1	.30	.10
3880	----	----	.05A	----	.02	UNCH	.002	----	----	26	UNCH	.02B	.01
3940	----	----	.05A	----	----	----	.001	----	----	25	UNCH	.02B	.01
TOTAL					CAB					68	6466 +	27	
		(FUTURES SETT. 267.250 - 40.0)											
MAY25													
2300	----	38.70B	37.00A	----	38.10	----	.920	----	----	3	UNCH	41.70B	10.42A
2340	----	34.77B	33.10A	----	34.40	----	.900	----	----	8	UNCH	38.02B	8.72A
2360	----	33.12B	31.52A	----	32.60	----	.889	----	----	3	UNCH	36.22B	7.97A
2380	----	31.37B	29.52A	----	30.80	----	.876	----	----	70	UNCH	34.05B	7.25A
2400	----	29.42B	28.07A	----	29.02	----	.862	----	----	17	UNCH	32.60B	6.60A
2420	----	27.80B	26.35A	----	27.30	----	.847	----	----	23	UNCH	30.77B	6.00A
2440	----	26.15B	24.47A	----	25.60	----	.831	----	----	57	UNCH	29.10B	5.45A
2460	----	24.17B	22.72A	----	23.92	----	.813	----	32	75 +	32	27.32B	4.95A
2480	----	22.60B	21.25A	----	22.27	----	.793	----	----	13	UNCH	25.70B	4.50A
2500	----	21.05B	19.55A	----	20.67	----	.771	----	183	UNCH	24.00B	4.07A	
2520	----	19.52B	18.12A	----	19.12	----	.748	----	90	UNCH	22.45B	3.70A	
2540	----	18.10B	16.72A	----	17.62	----	.723	----	89	UNCH	20.80B	3.37A	
2560	----	16.60B	15.42A	----	16.17	----	.696	----	52	UNCH	19.35B	3.07A	
2580	----	15.15B	14.00A	----	14.77	----	.667	----	70	UNCH	17.80B	2.77A	
2600	----	13.75B	12.47A	----	13.42	----	.637	----	17	302 +	5	16.42B	2.52A
2620	----	12.52B	11.27A	----	12.15	----	.605	----	139	UNCH	14.97B	2.27A	
2640	----	11.32B	10.12A	----	10.99	----	.572	----	223	UNCH	13.70B	2.07A	
2660	----	10.15B	9.05A	----	9.82	----	.538	----	151	UNCH	12.45B	1.85A	
2680	----	9.07B	8.05A	----	8.75	----	.503	----	153	UNCH	11.25B	1.60A	
2700	----	8.05B	7.10A	----	7.75	----	.467	----	419	UNCH	10.10B	1.40A	
2720	----	7.10B	6.27A	----	6.85	----	.432	----	190	UNCH	9.00B	1.22A	
2740	----	6.22B	5.47A	----	6.02	----	.397	----	2	162 +	2	8.02B	1.07A
2760	----	5.45B	4.80A	----	5.25	----	.362	----	86	UNCH	7.07B	.92A	
2780	4.52	4.72B	4.17A	----	4.57	----	.328	----	2	147 +	2	6.20B	.82A
2800	3.85	4.10B	3.60A	----	3.97	----	.297	----	52	406 -	19	5.42B	.72A
2820	----	3.52B	3.12A	----	3.42	----	.266	----	35	UNCH	4.70B	.65A	
2840	2.67	3.05B	2.67A	----	2.95	----	.237	----	10	52	UNCH	4.05B	.57A
2860	----	2.60B	2.35A	----	2.52	----	.210	----	15	55	UNCH	3.97	.52A
2880	2.12	2.22B	2.02A	----	2.19	----	.187	----	1	85 +	1	3.02B	.47A
2900	1.85	1.92B	1.75A	----	1.87	----	.165	----	3	57	UNCH	2.68B	.42A
2920	----	1.67B	1.52A	----	1.62	----	.146	----	12	UNCH	2.25B	.40A	
2940	----	1.42B	1.35A	----	1.40	----	.129	----	1	UNCH	1.95B	.37A	
2960	----	1.25B	1.17A	----	1.20	----	.113	----	32	54 +	32	1.70B	.35A
2980	----	1.07B	1.02A	----	1.05	----	.100	----	3	UNCH	1.47B	.32A	
3000	0.92	.95B	.90A	----	.92	----	.089	----	72	287 +	54	1.37	.30A
3020	----	.80B	.82A	----	.80	----	.078	----	17	UNCH	1.12B	.27A	
3040	----	.70B	.72A	----	.70	----	.069	----	26	UNCH	1.00	.27A	
3060	----	.62B	.65A	----	.62	----	.062	----	1	UNCH	.85B	.25A	
3160	----	.35B	.40A	----	.37	----	.037	----	5	UNCH	.47B	.20A	
3300	----	.17B	.22A	----	.20	----	.019	----	2	UNCH	.22B	.12A	
3960	----	.01B	.05A	----	.02	----	.002	----	2	61	UNCH	.02B	.01
4040	----	----	.05A	----	.02	UNCH	.002	----	----	160	UNCH	.02B	.02
TOTAL										223	4043 +	109	
		(FUTURES SETT. 270.350 - 40.0)											
AUG25													
2400	----	32.40B	33.72A	----	33.35	----	.831	----	----	3	UNCH	34.65B	12.87A
2440	----	29.07B	30.52A	----	30.07	----	.802	----	----	3	UNCH	31.25B	11.22A
2480	----	25.85B	27.45A	----	26.97	----	.769	----	----	16	UNCH	27.97B	9.75A
2500	----	24.30B	25.35A	----	25.43	----	.751	----	150	UNCH	26.37B	8.55A	
2520	----	22.78B	24.50A	----	24.00	----	.732	----	14	UNCH	24.80B	8.45A	
2540	----	21.30B	23.10A	----	22.55	----	.712	----	26	UNCH	23.27B	7.75	
2560	----	19.85B	21.72A	----	21.17	----	.692	----	75	UNCH	21.80B	7.07A	
2580	----	18.47B	20.40A	----	19.82	----	.670	----	34	UNCH	20.35B	6.80A	
2600	----	17.10B	19.10A	----	18.50	----	.648	----	273	UNCH	18.97B	6.22	
2620	----	17.35B	16.32A	----	17.25	----	.625	----	87	UNCH	18.25B	5.87A	
2640	15.25	16.10B	15.12A	----	16.00	----	.602	----	1	48 -	1	18.20B	5.47A
2660	----	14.90B	14.00A	----	14.82	----	.577	----	133	UNCH	16.95B	5.07A	
2680	----	13.75B	12.90A	----	13.67	----	.552	----	224	UNCH	15.72B	4.72A	
2700	12.40	12.65B	11.57	----	12.57	----	.527	----	90	632 +	30	15.12	4.10
2720	----	11.60B	10.85A	----	11.52	----	.501	----	136	UNCH	13.45B	3.87A	
2740	----	10.60B	9.87A	----	10.53	----	.474	----	230	UNCH	12.37B	3.67A	
2760	----	9.65B	8.97A	----	9.55	----	.447	----	111	UNCH	11.35B	3.29A	
2780	----	8.75B	8.12A	----	8.65	----	.421	----	1	115 +	1	10.35B	2.97A
2800	7.50	7.90B	7.35A	----	7.82	----	.394	----	7	803 +	7	9.42B	2.35
2820	7.12	7.12	6.60A	----	7.02	----	.368	----	7	147 +	2	8.55B	2.45A
2840	----	6.37B	5.92A	----	6.32	----	.342	----	9	149 +	9	7.72B	2.25A
2860	----	5.67B	5.30A	----	5.65	----	.317	----	4	74 +	4	7.00	2.05A
2880	----	5.07B	4.75A	----	5.05	----	.293	----	69	UNCH	6.25B	1.85A	
2900	4.35	4.52B	4.25A	----	4.47	----	.269	----	8	405 +	8	5.57B	1.70A
2920	----	4.00B	3.80A	----	4.00	----	.247	----	21	UNCH	4.97B	1.55A	
2940	----	3.45B	3.42A	----	3.55	----	.226	----	29	UNCH	4.40B	1.42A	
2960	----	3.05B	3.07A	----	3.15	----	.206	----	5	UNCH	3.90B	1.30A	
2980	----	2.72B	2.77A	----	2.88	----	.188	----	27	UNCH	3.25B	1.20A	
3000	2.57	2.57	2.50A	----	2.50	----	.171	----	3	87 -	2	3.00	1.00A
3020	----	2.15B	2.25A	----	2.25	----	.156	----	14	UNCH	2.70	.95	
3040	1.85	2.00	1.85	----	2.00	----	.142	----	4	10 +	4	2.40	.95A
3100	----	1.35B	1.50A	----	1.45	----	.107	----	13	UNCH	1.62B	.77A	
3140	----	1.10B	1.25A	----	1.20	----	.090	----	3	UNCH	1.30	.67A	
TOTAL										134	4156 +	62	
		(FUTURES SETT. 269.075 - 40.0)											
SEP25													
2460	----	26.00B	28.87A	----	27.95	----	.767	----	----	2	UNCH	27.85B	13.50A
2580	----	17.17B	20.55A	----	19.50	----	.652	----	5	UNCH	19.65B	8.67A	
2600	----	18.47B	17.50A	----	18.25	----	.630	----	24	UNCH	18.47B	8.02A	
2620	----	17.27B	16.30A	----	17.02	----	.608	----	2	UNCH	18.92B	7.42A	
2640	----	16.07B	15.15A	----	15.82	----	.584	----	21	UNCH	17.65B	6.87A	
2660	----	14.92B	14.05A	----	14.67	----	.561	----	2	UNCH	16.50B	6.30A	
2680	----	13.80B	12.97A	----	13.57	----	.536	----	3	UNCH	15.32B	5.77A	
2700	----	12.75B	11.95A	----	12.52	----	.512	----	46	UNCH	14.20B	5.27A	
2720	----	11.72B	10.97A	----	11.50	----	.487	----	137	UNCH	13.12B	4.82A	
2740	----	10.77B	10.05A	----	10.55	----	.462	----	50	UNCH	12.07B	4.42A	
2760	----	9.82B	9.20A	----	9.62	----	.436	----	19	UNCH	11.05B	3.95	
2780	----	8.97B	8.78A	----	8.75	----	.411	----	21	UNCH	10.07B	3.72A	
2800	----	8.15B	7.60A	----	7.95	----	.386	----	1	63 +	1	9.17B	3.40A
2820	----	7.37B	6.85A	----	7.17	----	.361	----	17	UNCH	8.32B	3.12A	
2840	----	6.65B	6.20A	----	6.47	----	.337	----	10	32 +	10	7.55B	2.87A
2880	5.37	5.37	5.02A	----	5.22	----	.290	----	5	8 +	5	6.10B	2.42A
2900	----	4.75B	4.55A	----	4.67	----	.268	----	38	UNCH	5.47B	2.22A	
2940	----	3.55B	3.70A	----	3.72	----	.226	----	3	UNCH	4.35B	1.90A	
2960	----	3.17B	3.35A	----	3.35	----	.208	----	1	UNCH	3.75B	1.75A	
3000	----	2.52B	2.72A	----	2.70	----	.175	----	14	UNCH			



PRELIMINARY