

Herd Register or Generation Count 5 - 6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2025

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
A	JX PRIMUS THRASHER CRISPIN {5}-ET	JE840003213193850	F	JNS- TF	14JE1921	176	16	128	96	387	0.04	28	0.05	25
A	JX PROGENESIS MONARCH {5}-ET	JE840003218042551	F	JNS- TF	200JE1333	171	14	56	91	911	0.02	50	0.01	36
A	JX CDF JLS PILGRIM THRASHER {6}-ET	JE840003006436075	F	JNS- TF	7JE1758	161	145	8,648	99	1183	-0.09	40	-0.01	42
F	ISDK VJ HOEMLUND GISLEV GIANT	JEDNK000000304608	F	JNS- TF	236JE5006	153	298	1,097	88	-733	0.46	49	0.19	8
A	PRIMUS GISLEV CHARLTON-ET	JE840003213193880	F	JNS- TF	7JE2033	151	21	106	94	709	-0.02	31	0.04	34
A	PROGENESIS MICHIGAN-ET	JE840003209774762	F	JNS- TF	777JE1404	150	4	10	83	800	0.18	76	0.06	43
A	VALSIGNA THRASHER VOLANT-ET	JE840003126987953	C	JNS- TF	14JE2002	149	59	1,095	99	460	0.00	23	0.03	24
A	VALSIGNA GISLEV UNCOMMON-ET	JE840003221914142	F	JNS- TF	7JE2023	148	49	435	97	631	0.00	31	-0.02	19
A	JX DUPAT VJ GISLEV GALANTIS {6}-ET	JE840003209721941	F	JNS- TF	7JE2036	147	8	13	85	583	-0.05	20	0.05	32
A	JX SEXING G GARLAND {5}-ET	JE840003213126087	F	JNSC	551JE1874	146	15	346	97	716	0.05	46	0.00	27
A	FOREST GLEN WESTPORT BECKS {6}	JEUSA000067650546	F	JNS- TF	29JE4309	145	25	531	98	663	0.11	55	0.05	35
A	ISDK VJ RAASTRUP HIHL GISLEV	JEDNK000000304171	F	JNS- TF	236JE226	145	997	4,557	99	-307	0.23	29	0.14	15
A	JX PRIMUS WATKINS CABAL {5}-ET	JE8400032031110539	F	JNS- TF	14JE2107	144	6	14	84	72	0.02	7	0.00	3
A	JX PROGENESIS WICHITA {5}-ET	JE840003209774710	F	JNS- TF	200JE1343	143	21	461	97	2474	-0.23	73	-0.12	68
A	PRIMUS CRAZE STARLORD-ET	JE840003141725644	F	JNS- TF	7JE1726	143	254	3,371	99	43	0.09	19	-0.02	-3
F	VJ RISHOLM LUXI LAGOA-P	JEDNK000000305066	F	JNS- TF	236JE5066	142	154	409	87	-347	0.22	25	0.10	5
A	JX DUPAT ALTAKENO {6}-ET	JE840003206581246	F	JNS- TF	11JE7368	141	18	181	95	1084	-0.08	38	0.02	45
A	ROWLEYS 80 CALIBAN OVERALLS-ET	JE8400032301110523	F	JNS- TF	7JE2022	140	124	953	99	212	0.09	28	0.03	13
A	BLACK LABEL THRASHING KAMAKAZI-ET	JE840003219480313	F	JNS- TF	7JE1980	135	157	1,438	99	1015	-0.15	21	-0.08	23
A	JX METCALF RIPP {5}-ET	JE840003236343074	F	JNS- TF	97JE219	134	16	145	94	1394	-0.18	32	-0.09	34
A	RIVER VALLEY THRASHER MIDWAY-ET	JEUSA000067801435	F	JNS- TF	7JE5078	133	47	696	98	199	0.16	42	0.09	25
F	ISDK VJ RAVNINGGAARD HUUS HAMLET	JEDNK000000304607	F	JNS- TF	236JE4607	130	753	4,240	93	-716	0.20	1	0.17	4
F	ISDK VJ AGERDAL GISLEV GARANT	JEDNK000000304576	F	JNS- TF	236JE5002	130	321	1,419	89	-496	0.27	26	0.12	3
F	VJ VEJEN GARANT GOLDMAN-ET	JE840003146622074	F	JNS- TF	236JE4005	129	47	137	85	-496	0.44	57	0.17	14
A	JX ALL LYNNS VANDER {6}	JEUSA000174149114	F	JNSC	97JE211	125	6	30	88	-107	0.24	41	0.09	14
A	ISDK VJ TUDVAD SAMSON STENO	JEDNK000000304715	F	JNS- TF	236JE4715	124	419	2,199	98	492	0.20	64	0.08	35
A	KASH-IN SUAVECITO-ET	JE840003149286905	F	JNS- TF	551JE1796	124	91	2,276	99	87	0.18	39	0.10	22
A	JX VIERRA THEBOSS {6}-ET	JE840003218042562	F	JNS- TF	200JE1334	121	19	167	96	359	0.09	35	0.04	21
A	TOG BRONZE 36673-ET	JE840003149715762	F	JNS- TF	97JE200	119	34	553	98	303	0.01	17	-0.06	0
A	JX SEXING JIG VYTON {5}-ET	JE840003146622206	F	JNS- TF	551JE1863	116	30	893	98	364	0.12	41	0.03	19
A	LEGENDAIRY DELTORO {6}-ET	JEUSA000174074344	F	JNS- TF	97JE210	115	32	458	97	610	0.00	30	0.02	27
A	TOG ORBICULARIS-ET	JE840003203347248	F	JNS- TF	97JE203	115	55	522	98	233	-0.06	0	0.07	22
A	KASH-IN SUGAR DADDY-ET	JE840003149286929	F	JNS- TF	551JE1798	114	128	3,216	99	664	0.10	53	0.08	40
A	RIVER VALLEY CIRCUS COMIC-ET	JE840003217183060	F	JNS- TF	777JE10074	111	20	170	95	1006	-0.09	33	-0.06	26
A	JX VIERRA LUDACRIS {5}-ET	JE840003218042662	F	JNS- TF	777JE1364	109	9	59	91	653	0.17	66	0.04	33
A	TOG PRESQUE-P-ET	JE840003209969752	F	JNS- TF	97JE213	109	14	65	92	295	0.02	18	0.06	22
A	JX SEXING GLTRY QUENTIN {5}-ET	JE840003213134227	F	JNS- TF	551JE1845	108	34	462	98	779	-0.04	30	-0.05	20
A	PROGENESIS MEDIATOR-ET	JE840003218042589	F	JNS- TF	777JE1345	107	27	349	97	957	-0.08	31	-0.04	28
A	SEXING JIGGY TELESE-ET	JE840003213134147	F	JNS- TF	551JE1814	107	11	311	97	425	0.07	36	0.02	20
F	ISDK VJ AARRE LAPPE LARI	JEDNK000000304158	F	JNS- TF	236JE222	106	650	2,077	88	-613	0.23	13	0.11	-2
A	ISDK VJ KJOELB GISLEV GUTZ	JEDNK000000304577	F	JNS- TF	236JE5003	104	943	4,169	95	-285	0.35	52	0.10	9
A	JX PEAK SHOUTOUT {5}-ET	JE840003217429034	F	JNSC	1JE7402	103	19	169	95	9	0.11	22	0.07	13
A	JX FOREST GLEN MONUMENT SULLY {6}	JEUSA000119889365	F	JNS- TF	97JE165	103	49	524	98	632	-0.12	7	-0.08	8

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CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
461	442	2.98	5.7	1.4	3.2	82	6.8	8	42	90	0.1	1.0	0.4	-0.4	L0.9	-0.1	S0.1	S0.1	0.9	0.1	-0.3	-0.2	S1.3	W0.2	0.0	W0.5	C0.2	18.0
487	473	2.92	3.5	-1.0	-0.1	74	9.2	6	18	86	0.9	1.7	0.4	0.8	0.0	-0.1	P0.6	S0.4	0.8	1.6	1.1	0.1	S0.1	C0.2	L0.5	C0.3	B0.9	18.7
426	416	2.94	3.4	0.2	1.3	99	7.7	92	2,869	99	0.0	0.9	1.3	-0.2	L0.3	0.3	S1.0	L0.2	0.6	-1.3	-0.3	0.5	D0.3	C0.7	L1.1	C0.2	0.0	9.7
448	397	2.58	1.7	-0.3	1.4	81	2.8	141	531	82	-1.1	-1.4	-0.3	-1.2	L0.9	-0.5	S0.4	S0.1	-0.5	-0.9	-2.0	-0.7	S1.0	W0.4	S0.3	W1.1	C0.5	9.9
381	362	2.92	2.2	0.6	1.8	83	6.7	12	54	90	-0.6	0.1	0.5	-0.8	L0.7	0.2	P0.4	S0.3	-0.3	-0.9	-2.0	-0.4	S0.6	W0.4	S0.1	W0.5	C1.3	9.4
439	412	2.98	0.2	-0.8	-1.8	75	9.3	4	7	83	0.4	1.7	1.2	0.7	H0.6	1.2	S0.9	L0.1	1.1	0.4	0.5	-0.4	S0.3	C0.3	L1.0	W0.6	C0.1	16.9
309	294	2.97	3.7	1.4	2.4	91	9.0	34	285	97	0.6	0.8	1.3	0.2	L0.1	0.8	S0.5	L0.2	0.6	0.0	0.6	0.1	S0.2	C0.5	L0.8	C0.2	B0.5	14.9
326	324	2.92	2.6	0.7	1.9	87	7.1	30	249	96	0.1	0.2	0.6	-0.5	H0.2	0.4	P1.1	S0.6	0.5	-0.2	-1.0	-0.3	S0.8	W0.4	L0.1	W0.5	C0.6	14.3
383	360	2.85	2.4	0.0	1.1	74	6.5	7	11	84	-0.1	-0.7	-0.3	-0.3	L0.7	-0.4	S0.4	L0.4	0.0	0.1	-1.2	-0.1	S0.9	0.0	S0.3	C0.2	C0.2	13.9
382	375	3.03	2.3	-1.4	1.1	84	7.5	2	10	83	0.8	0.7	0.4	0.6	H0.1	0.1	P0.8	S0.5	0.4	1.6	1.2	0.0	S0.5	W0.4	S0.6	W0.1	B0.8	19.9
535	509	2.74	2.5	0.2	-1.6	88	9.0	16	157	95	-0.1	-0.3	0.5	0.7	0.0	-0.8	S0.1	S0.2	-0.5	0.1	0.7	-1.3	D2.2	0.0	L0.6	W1.2	B0.6	7.4
355	316	2.77	2.2	-0.9	2.2	94	3.8	361	1,826	98	-0.6	-0.2	-0.1	-0.6	L1.1	-0.4	0.0	S0.1	-0.4	-0.5	-2.4	-0.6	S1.4	W0.4	S0.9	W0.9	C1.3	10.6
355	350	2.83	6.6	1.3	2.1	73	7.6	8	19	85	0.6	-0.8	-0.3	-0.4	L0.2	-0.1	P0.5	S0.4	1.4	0.8	-0.6	-0.3	S2.0	W0.4	S0.2	W0.6	B0.3	20.4
401	413	3.13	-0.2	-4.0	-4.9	85	8.8	7	99	93	0.9	4.4	1.2	1.5	L1.5	0.3	P0.6	S0.3	0.0	1.7	2.1	0.8	D0.1	C0.8	L1.1	C0.5	B0.4	17.6
364	368	2.93	5.2	4.2	1.8	98	7.4	128	1,013	99	0.5	0.3	-0.1	-0.4	L0.7	-0.4	P0.3	S0.8	1.2	0.8	0.1	0.1	S1.7	C0.8	L0.9	C0.8	0.0	19.7
417	388	2.65	3.3	0.8	2.2	82	5.4	59	146	81	-0.8	-2.4	-0.8	-0.7	L0.2	-0.7	0.0	L0.4	-0.8	-0.4	-0.3	-0.7	S0.5	W0.2	S1.6	C0.1	C0.3	11.2
371	354	3.01	1.7	0.6	-0.1	78	8.1	4	46	89	0.3	1.2	1.0	0.6	L0.4	0.7	S1.4	L0.3	0.5	0.2	0.3	0.5	D0.3	C0.4	L0.7	C0.7	B0.2	13.2
303	287	2.71	2.5	-1.2	0.9	90	8.1	74	353	97	1.0	1.3	-0.2	1.1	H0.2	0.6	S0.4	L0.1	1.5	1.3	0.6	0.8	S0.7	C0.8	L0.2	C1.1	B0.2	19.3
229	233	2.71	2.8	0.1	0.1	92	8.4	74	300	96	1.3	1.4	1.5	1.0	H0.7	0.9	P0.2	S0.2	1.5	1.1	1.7	0.4	S0.2	C0.8	L0.7	C0.2	B0.2	19.9
430	439	2.88	3.4	-1.4	-2.1	79	9.5	5	13	85	0.9	-0.3	-0.4	1.0	L0.5	-0.7	P0.7	S0.2	-0.1	1.9	1.5	0.8	D0.6	0.0	L0.6	C0.2	B1.7	15.9
344	315	2.85	2.3	-0.6	-0.3	88	8.4	22	288	97	-0.1	0.2	0.8	-0.3	L0.2	0.5	S1.0	L0.3	0.2	-0.8	-0.1	0.1	D1.2	C0.4	S0.1	C0.1	C0.2	9.1
187	148	2.82	1.5	0.1	5.8	84	3.9	233	1,556	90	-0.8	-0.4	0.0	-0.7	H0.6	-0.3	S0.2	S0.6	0.2	-0.7	-0.9	-1.1	S1.4	W0.7	S0.3	W1.0	C1.0	13.5
186	158	2.84	1.2	-2.3	3.2	83	3.8	134	545	83	-0.2	1.2	0.1	-0.4	L0.6	0.2	P0.4	S0.4	1.0	-0.2	-1.0	-0.6	S2.9	C0.4	S1.0	W0.4	C1.1	13.9
254	212	2.92	-1.1	-3.1	2.2	69	3.2	0	0	76	-0.8	1.4	0.6	-0.1	L0.6	0.5	P0.3	S0.2	-0.9	-0.8	-0.5	-0.6	D0.2	W0.5	S0.5	W0.9	C1.1	8.7
346	316	2.73	1.2	-0.8	-0.4	75	6.0	1	1	80	-0.4	0.3	-0.1	0.0	L1.0	-0.3	S0.1	S0.1	0.0	-0.1	-1.0	-0.6	S1.3	C0.2	S1.0	W0.2	C0.7	14.0
425	401	3.18	-1.2	0.0	2.0	89	3.8	177	966	96	-1.3	0.3	0.3	-0.9	H0.2	-0.5	P1.7	S0.6	-0.8	-1.6	-1.1	-2.1	D0.2	W1.0	L0.5	W2.4	C0.5	4.6
327	298	2.92	2.3	1.3	-1.4	94	9.9	47	544	98	0.0	0.9	1.0	0.1	H0.6	0.3	S0.1	0.0	-0.2	-0.7	-0.3	0.1	D0.9	C0.3	L0.7	C0.2	B1.3	8.2
363	343	2.74	3.6	-1.1	-2.0	85	9.6	19	114	94	0.5	0.1	0.3	0.7	L0.5	-0.3	P0.8	S0.5	0.2	0.3	0.4	-0.1	D0.6	W0.1	L0.2	0.0	B0.1	13.7
311	322	2.91	4.4	3.7	2.5	91	7.0	25	200	96	-0.3	-0.8	0.7	-0.9	L1.1	-0.5	S0.1	S0.5	0.1	-0.6	-0.9	0.0	S0.2	W0.3	L0.6	W0.5	0.0	11.6
408	395	2.92	3.0	2.1	-2.3	91	9.7	9	46	89	0.2	-0.5	0.6	0.5	H1.2	0.2	0.0	S0.2	-0.3	-0.2	0.2	0.0	D0.8	C0.2	L0.1	C0.1	B0.5	10.8
321	303	2.72	1.9	-1.3	-2.7	88	9.0	3	12	85	0.6	0.0	0.3	1.0	L0.2	0.0	S0.3	S0.2	0.9	0.9	0.4	-0.4	S0.2	C1.6	S0.8	C1.0	B0.6	16.0
158	130	2.65	1.5	-1.4	0.5	89	7.5	25	161	95	0.3	-0.8	0.5	-0.2	L0.7	0.3	P0.1	S0.1	0.9	0.2	0.5	0.2	S0.1	C1.7	S1.4	C1.0	C0.4	14.2
374	347	3.05	1.1	-0.9	-3.1	97	9.2	74	1,442	99	0.3	0.4	1.2	0.3	H1.1	0.3	P1.0	S0.4	-0.5	-0.1	1.1	-0.5	D2.0	C0.3	L0.2	W0.3	B1.7	8.6
353	360	3.05	1.8	-0.3	0.0	81	9.6	7	19	86	0.4	-1.2	0.0	0.5	L0.1	-0.3	S0.5	L0.4	-0.2	0.2	1.3	0.2	D1.2	C1.1	S1.0	C1.1	B0.5	11.0
384	370	3.21	1.2	-2.0	-3.0	75	7.0	4	33	88	0.6	1.4	0.7	0.9	L0.7	0.0	P1.1	S0.4	0.2	1.9	1.5	-0.5	S0.1	W1.6	L0.2	W1.2	B0.5	18.8
264	242	2.79	2.2	0.9	-1.2	79	9.1	3	21	87	0.3	-0.3	0.6	0.0	L0.2	0.2	P0.4	S0.3	0.4	0.5	0.2	0.3	S0.5	W0.3	0.0	W0.6	B0.3	16.4
345	350	3.00	3.2	-0.6	-0.5	87	7.2	18	197	96	0.7	-0.5	0.2	0.9	H1.0	-0.3	P0.4	S0.3	-0.1	1.4	0.9	0.1	D0.6	0.0	S0.4	C0.5	B1.1	15.1
194	199	3.19	0.0	-3.5	0.4	85	9.5	12	120	94	0.6	1.0	0.2	0.7	L0.7	-0.3	P0.6	L0.2	0.4	1.4	0.9	0.3	S0.2	C0.1	L0.8	C0.6	B1.4	17.0
348	336	2.89	2.4	0.5	-1.4	84	8.5	3	9	83	-0.3	-0.5	0.4	-0.1	H1.2	-0.4	P0.5	0.0	-0.5	-0.4	0.2	-1.1	D0.7	W0.7	S0.4	W1.2	B0.4	9.9
265	238	2.81	1.0	-0.8	3.4	81	2.8	202	691	80	-1.0	-2.5	-0.9	-1.0	L0.2	-1.4	P0.4	S0.5	-1.3	-1.0	-1.4	-0.4	0.0	W0.6	L1.1	W1.7	C0.2	6.4
317	291	2.95	-0.8	-1.2	-0.6	85	3.5	320	1,678	94	-0.3	0.1	-0.6	0.3	L0.1	-0.4	S0.5	S0.4	-0.9	-0.7	-1.2	-0.4	S0.6	C0.7	S0.5	C0.4	C0.4	9.5
188	172	3.06	1.4	-0.3	0.3	78	7.8	4	8	83	0.1	1.6	-0.1	0.1	L0.6	0.0	S0.7	L0.6	0.6	0.4	-0.2	0.6	S1.2	C1.0	S0.1	C0.9	B0.3	16.4
171	185	2.97	2.0	0.3	3.0	91	7.7	8	67	92	-0.1	-0.3	0.2	0.1	H0.1	0.0	S1.1	L0.5	0.0	0.4	0.7	-0.1	D1.2	W1.2	L1.0	W2.1	C0.1	11.2

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A	JX RIVER VALLEY CHIEF {6}-ET	JEUSA000075341195	F	JNS-TF	200JE10034	102	473	10,652	99	1301	-0.04	56	-0.10	29
A	ISDK VJ ADELGAARD HOVE SAMSON	JEDNK000000304415	F	JNS-TF	236JE257	99	473	2,537	94	-56	0.20	36	0.07	12
A	SANDCREEKS D LARS COLOMBIA278-ET	JE840003134637593	F	JNS-TF	100JE7410	99	6	123	95	277	-0.06	2	-0.01	9
A	JX SEXING BIG JOLT {5}-ET	JE840003213126362	F	JNS-TF	551JE1876	96	11	99	93	524	0.07	40	0.03	26
A	DUPAT FIRSTCUT-ET	JE840003209722037	F	JNS-TF	7JE2102	96	19	92	93	549	-0.02	23	0.01	23
A	RIVER VALLEY MAC MARGIN-ET	JE840003236548441	F	JNS-TF	777JE10075	95	39	621	98	958	0.00	47	-0.01	34
A	JX SEXING G GRONK {5}-ET	JE840003213126127	F	JNSC	551JE1875	94	3	26	87	927	-0.06	35	-0.06	22
A	DG BAR MAID MOORE-ET	JE840003209259190	F	JNS-TF	100JE7428	92	21	189	95	341	0.16	48	-0.01	11
A	YOSEMITE KW MASTERS DEGREE-ET	JE840003131274413	F	JNS-TF	100JE7398	91	14	66	93	-185	0.10	9	0.04	1
A	ISDK VJ HOEHOLT JERN JAMES	JEDNK000000304302	F	JNS-TF	236JE248	89	651	2,858	95	-963	0.44	32	0.20	0
A	PROGENESIS DEVOUR-ET	JE840003209748320	F	JNS-TF	777JE1293	88	80	374	97	664	-0.04	26	-0.07	11
A	AHLEM CRAZE CHESTNUT 24050-ET	JE840003144728245	F	JNS-TF	100JE7411	87	8	41	92	14	0.10	19	0.03	6
A	LENCREST TOBEFAMOUS	JECAN000111602150	F	JNS-TF	777JE1320	84	125	341	94	-326	0.29	39	0.05	-2
A	PROGENESIS MESMERIZE-ET	JE840003218042586	F	JNS-TF	777JE925	83	13	71	92	809	-0.02	37	-0.01	29
A	AHLEM CARNIVAL-ET	JE840003213754056	F	JNS-TF	777JE1363	81	4	28	87	736	-0.12	13	-0.04	19
A	TOG PITTSFIELD 38801-P-ET	JE840003209969743	F	JNS-TF	551JE1884	81	5	44	91	-117	0.21	35	0.06	8
A	PROGENESIS SUE-P-ET	JE840003218042665	F	JNS-TF	777JE1365	78	10	48	90	686	-0.10	14	0.02	29
A	SUNSET CANYON 847-ET	JEUSA000173969751	F	JNS-TF	100JE7429	78	5	12	83	76	0.18	38	0.03	9
A	TOG MAGNESIUM W961 8664-ET	JE840003200059621	F	JNS-TF	97JE201	77	51	527	98	481	-0.09	6	-0.01	17
F	ISDE DIAMO-ET	JEDEU000362375463	F	JNS-TF	202JE608	77	11	12	81	-343	0.06	-6	0.05	-3
A	PROGENESIS SPIRAL-ET	JE840003209774571	F	JNS-TF	777JE1248	76	102	1,472	99	950	-0.09	30	0.00	35
F	ISDK VJ HAUGSTEDGAARD CHOKOCHIEF	JEDNK000000304865	F	JNS-TF	236JE4865	76	465	2,289	90	-1041	0.35	11	0.20	-3
A	AHLEM CRAZE JALAPENO 24052-ET	JE840003144728247	F	JNS-TF	100JE7412	75	7	44	91	540	-0.13	2	-0.07	7
A	PVF ZON	JE840003205771467	F	JNS-TF	1JE7314	75	93	1,555	99	185	0.14	36	0.00	7
A	HILMAR CALYPSO CHEWBACCA {5}	JEUSA000119552708	F	JNS-TF	100JE7374	73	17	95	95	648	-0.18	-4	-0.10	5
F	VERJATIN MOONSHINE-ET	JECAN000110974992	F	JNS-TF	182JE1026	72	20	30	85	726	-0.07	23	-0.05	18
A	PROMETEDOR LOOT-ET	JEUSA000067119938	F	JNS-TF	777JE1138	71	120	2,463	99	483	0.16	56	0.10	37
A	TOG VENETIE 38518-ET	JE840003209969460	F	JNS-TF	551JE1828	70	34	508	98	-257	0.08	3	0.06	2
A	JX PINE-TREE GISLEV GARRY {6}-ET	JEUSA000067762533	F	JNS-TF	551JE1852	69	5	343	97	-280	0.12	8	0.07	2
A	JX SUNSET CANYON MAID MAN {6}-ET	JEUSA000173138056	F	JNS-TF	100JE7404	67	10	88	94	475	0.02	28	0.01	20
A	JX PRIMUS ROWAN CORSAIR {5}-ET	JE840003213193868	F	JNS-TF	250JE1947	67	125	3,662	99	-62	0.07	11	0.01	-1
A	BW CITATION A-ET	JEUSA000118367576	C	JNS-TF	505JE125	67	339	1,800	99	-359	0.01	-16	-0.04	-22
A	TOG FEDERER 37562-P-ET	JE840003203346870	F	JNS-TF	97JE202	65	52	379	98	-432	0.25	25	0.11	5
F	ISNZ GLEN KAYCEE SHERLOCK JG	JENZL000000320503	F	JNS-TF	97JE20503	64	35	120	77	-1144	0.37	10	0.23	-1
A	KASH-IN MR SMITH-ET	JE840003149286928	F	JNS-TF	551JE1797	62	10	109	94	-433	0.29	32	0.18	17
A	RIVER VALLEY MERCEDES-ET	JE840003207031003	F	JNS-TF	200JE10062	60	62	780	98	-186	0.05	0	0.07	7
A	VERJATIN INNOVATION-ET	JECAN000120009244	F	JNS-TF	97JE207	60	23	129	94	213	-0.01	8	-0.07	-5
A	FOREST GLEN JIGGY JALAPENO-ET	JEUSA000067650510	F	JNS-TF	551JE1829	59	92	2,556	99	313	-0.05	5	0.05	22
A	AHLEM CRAZE DOC 24061-ET	JE840003144728256	F	JNS-TF	100JE7413	59	15	130	95	16	-0.07	-13	-0.08	-14
A	AHLEM BANCROFT CHICAGO 23929	JEUSA000067823929	F	JNSC	100JE7403	58	40	114	95	601	-0.18	-5	-0.06	11
A	AHLEM KUSAFIRI	JE840003202631080	F	JNS-TF	200JE1244	57	80	2,256	99	663	-0.07	20	0.01	27
A	FOREST GLEN PREMIUM GOLD	JEUSA000067609471	F	JNS-TF	97JE150	53	127	920	99	-47	0.17	30	0.08	13
F	RIVER VALLEY NBRAZIL SAXXON-P-ET	JE840003133234518	F	JNS-TF	202JE604	50	49	61	85	409	-0.10	1	-0.04	8

Herd Register or Generation Count 5 - 6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2025

CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
431	444	2.92	1.5	-3.9	-5.0	99	8.3	334	5,593	99	1.5	-0.4	-1.0	2.2	L0.1	-0.9	P0.7	S0.1	0.1	2.8	2.1	1.2	D1.2	C1.0	L0.5	C1.0	B1.6	16.3
274	254	2.95	-0.3	0.3	2.3	85	4.0	197	989	91	-1.8	0.0	-0.2	-1.1	H0.1	-1.0	P0.5	L0.1	-1.9	-1.4	-0.9	-1.6	D0.5	W2.0	L0.4	W2.8	C0.3	2.5
192	193	3.06	1.7	2.5	3.6	85	7.6	3	7	84	-0.3	-0.6	0.3	0.4	L0.2	-0.2	S0.7	L0.2	-0.7	0.7	0.5	0.0	D1.0	W0.5	L0.5	W0.6	B1.2	11.5
332	321	3.13	1.1	-1.8	-0.9	79	8.6	3	44	89	0.4	-0.2	-0.2	0.7	H0.3	-0.7	P0.5	S0.3	-0.4	1.0	0.9	0.0	D0.7	W0.5	S0.4	W0.1	B0.2	14.7
217	209	3.05	1.3	0.8	-0.6	77	8.7	10	39	89	1.3	0.9	0.6	1.5	H0.6	0.5	P0.4	S0.6	0.4	1.7	1.1	0.3	S0.3	0.0	L0.4	W0.4	B1.1	18.8
372	365	3.02	0.5	-2.7	-4.1	87	8.4	21	300	97	0.5	-0.6	-0.7	1.6	L0.2	-0.6	S0.9	L0.8	-0.7	1.3	1.2	0.3	D2.1	W0.4	L0.4	W0.5	B0.5	11.3
303	311	3.00	1.2	-2.8	-1.3	75	8.8	1	22	85	0.9	-0.7	-0.3	1.0	H0.1	-0.7	P0.1	L0.2	-0.1	1.6	1.6	0.5	D1.0	C0.3	S0.6	C0.8	B0.9	15.0
345	341	2.86	1.6	-1.5	-2.6	82	8.5	14	66	90	1.1	-0.9	-0.2	1.2	H0.4	-0.4	P1.1	S0.6	0.3	1.0	1.2	0.3	D0.4	C0.9	S0.2	C0.8	B0.2	15.8
28	15	2.82	-0.7	-3.3	1.7	81	7.9	5	45	90	1.3	1.1	-0.4	1.2	0.0	0.7	P0.8	S0.5	1.5	1.7	1.0	0.9	S1.1	C1.1	S0.3	C1.3	C0.2	21.3
250	207	2.85	0.0	-1.0	-0.4	87	3.4	232	1,119	92	-0.9	-1.5	-0.3	-0.7	H1.4	-0.5	P1.4	S0.5	-1.0	-0.5	-1.0	-0.8	D0.3	W1.2	0.0	W1.6	0.0	7.9
205	215	2.91	1.8	-1.6	-2.6	84	8.8	55	225	95	1.4	0.4	-0.1	0.9	H0.8	0.1	P1.5	S1.2	1.2	1.6	0.9	0.6	S1.3	C0.7	L0.9	C0.6	B1.0	20.9
238	230	2.97	2.2	0.8	-1.0	81	10.1	7	25	88	1.2	0.6	-0.3	1.5	H0.3	-0.2	S0.3	S0.5	0.0	1.9	1.3	1.2	D0.1	C0.6	L1.6	C0.8	B0.7	16.1
206	193	2.93	1.3	-1.5	-1.2	83	7.8	8	84	92	1.0	0.7	-0.1	1.1	H0.2	0.0	P1.2	S0.7	0.5	0.8	1.0	0.7	0.0	C0.7	L0.2	C0.6	B0.4	16.0
282	278	3.13	0.3	-1.4	-1.2	76	8.9	5	15	85	0.0	-0.2	0.0	0.8	L1.5	0.0	S1.2	L0.6	-0.5	0.2	0.0	-0.4	D1.2	W0.4	L0.6	W0.9	C0.6	9.7
181	186	3.05	1.2	-2.3	-1.5	75	9.3	1	17	86	0.7	-0.3	-0.3	0.8	L1.0	-0.6	S0.2	L0.3	0.6	1.3	0.3	0.2	S0.7	C0.2	S0.1	C0.1	B0.1	18.8
185	166	2.90	0.3	-0.3	-2.0	79	9.6	2	24	87	-0.2	0.0	0.4	-0.2	L0.6	0.3	S0.2	L0.4	-0.2	-0.3	0.4	0.1	D0.6	W0.1	S0.5	C0.2	B0.4	11.6
247	238	3.10	1.8	-0.2	-1.8	73	9.1	4	43	89	0.6	0.3	-0.5	1.0	H0.3	-0.3	S0.2	L0.5	0.0	1.0	0.5	-0.2	S0.1	W0.7	L0.1	W0.8	B0.4	16.3
220	210	2.95	0.1	-1.2	-2.0	73	9.0	3	5	80	-0.3	-0.5	-0.2	0.1	L0.7	-0.4	S1.2	L1.1	-0.7	-0.3	0.2	-0.4	D0.9	W0.1	S0.1	C0.2	C0.4	9.8
129	126	3.02	1.1	0.8	-1.1	91	9.3	22	94	90	0.5	0.5	0.3	0.7	L0.9	0.2	S0.4	L0.1	0.3	1.3	0.7	0.2	D0.3	C0.4	L0.1	C0.8	0.0	15.9
4	-5	3.07	1.2	-0.7	2.9	73	8.2	0	0	80	-0.5	0.7	0.2	-0.6	L1.3	0.0	P0.4	L0.1	0.3	-0.4	-1.0	-0.5	S1.1	W0.6	S0.1	W0.3	C0.3	14.5
222	212	2.97	0.8	-1.7	-4.6	94	9.0	66	639	98	1.3	0.9	0.2	1.5	H0.1	0.6	P0.5	S0.3	1.1	2.1	1.4	-0.1	D0.3	C0.8	L0.4	C0.5	B0.8	19.5
95	55	2.98	-0.1	-0.9	0.8	81	3.4	175	888	87	-0.7	-0.8	-0.3	-0.9	0.0	-0.7	S0.7	0.0	0.0	-0.8	-1.0	-0.2	S1.4	W0.6	S1.4	0.0	C1.3	13.0
131	145	3.07	1.9	0.0	0.1	79	8.2	4	26	88	0.2	-0.1	-0.5	0.6	H0.2	-0.1	S0.6	L0.6	-0.2	0.7	-0.2	0.3	S0.7	W0.4	L0.9	C0.1	B0.5	15.1
205	204	3.05	0.4	-1.7	-1.5	93	8.1	40	283	96	0.7	0.1	-0.1	1.0	H0.6	-0.2	P0.1	S0.1	-0.1	1.3	0.7	1.0	D0.1	C0.4	L0.1	C0.8	B0.6	15.0
-27	-11	2.78	-0.6	-2.6	0.7	83	6.9	6	36	89	0.5	0.9	-0.3	1.0	0.0	-0.1	S0.7	S0.3	0.9	2.1	0.2	-0.9	S1.1	W0.9	L0.5	W1.8	B0.9	20.2
119	126	3.08	-0.2	-2.6	-2.0	74	8.1	16	27	81	0.4	1.4	0.0	1.1	L0.3	-0.2	P0.7	S0.4	0.4	0.7	1.4	-0.2	S0.7	C0.1	S0.5	C0.2	C0.2	19.0
255	230	3.30	-0.6	-1.4	-3.4	97	8.8	54	863	99	-0.4	2.4	0.4	1.0	L1.0	0.5	S0.4	L0.8	-1.1	0.2	0.5	-0.4	D1.4	W1.7	L0.7	W1.4	C0.4	8.2
171	152	2.75	1.5	0.1	-0.7	87	5.7	21	118	93	0.3	-0.8	-0.4	0.5	H0.2	-0.8	P0.7	S0.6	0.1	0.4	-0.2	-0.6	S0.4	W0.1	S0.9	W0.4	C0.7	14.4
176	160	2.90	1.7	0.0	0.0	88	5.6	1	6	83	0.2	-1.1	-0.2	-0.1	H0.1	-0.5	P0.7	S0.2	-0.4	0.7	-0.4	0.2	S0.2	W0.2	S1.1	C0.1	C0.1	13.5
172	163	2.93	0.3	-2.3	-2.0	82	8.7	3	5	82	-0.6	-0.5	0.4	-0.1	L0.6	-0.7	P0.1	L0.1	-1.1	-1.2	-0.4	-1.1	D1.6	W0.8	L0.1	W1.2	C0.5	4.2
81	78	2.90	1.4	-0.2	-0.2	96	9.1	59	889	99	1.0	0.7	0.2	0.1	H0.8	0.1	P1.2	S1.6	2.3	1.2	-0.8	0.9	S3.1	C0.3	L0.1	C0.9	C0.8	17.5
79	94	2.95	3.9	4.3	1.0	97	8.9	226	1,136	99	0.1	0.2	-0.5	-0.5	L0.1	-0.7	P0.5	L0.1	1.8	0.1	0.0	-1.6	S2.1	C0.7	S1.4	W0.7	C1.5	17.7
289	264	2.98	1.9	0.8	0.3	89	7.5	25	171	96	-1.0	-1.2	-0.6	0.4	H0.2	-0.7	P0.3	L0.1	-2.7	0.2	0.8	-1.4	D3.2	W2.6	S0.5	W3.4	B0.7	-0.1
63	19	3.14	-1.6	1.6	6.0	70	2.8	25	103	77	-1.8	-2.4	1.4	-2.2	H0.4	-0.6	S0.2	L0.6	-2.8	-2.1	-1.3	-0.1	D3.0	W0.2	L0.4	C0.6	C0.1	-4.3
117	75	3.01	-0.6	0.1	-2.9	83	9.1	2	14	86	-0.2	1.0	1.1	0.0	H0.2	0.6	P0.2	L0.4	-0.7	-0.9	0.3	-0.1	D1.5	C0.3	0.0	C0.3	B0.5	7.3
-26	-42	3.08	-0.1	-1.5	0.1	91	9.0	37	229	96	0.6	0.2	0.8	0.6	H0.5	0.6	S0.7	0.0	1.0	0.8	0.8	0.5	D0.6	W0.4	L0.4	W0.6	C0.5	15.9
69	82	2.85	0.8	-1.8	-1.1	82	9.9	10	23	86	0.8	0.0	-0.7	0.5	L0.1	-0.4	P0.2	L0.1	1.1	0.6	0.6	0.0	S1.1	C0.6	S0.8	C0.1	C0.7	19.0
183	164	2.92	2.1	1.1	-3.1	96	9.7	62	938	99	0.0	-1.0	0.4	-0.2	H1.9	-0.4	S0.4	S0.2	-0.5	-1.0	-0.7	0.7	0.0	C0.8	S0.8	C0.9	B0.1	8.3
-32	-13	2.92	1.7	-0.1	1.1	84	8.4	10	29	88	1.4	0.0	-0.4	0.7	H0.9	0.1	P0.7	S0.7	1.0	2.3	1.2	0.4	S1.7	W0.5	L1.2	0.0	B1.2	23.9
74	83	2.99	0.3	-1.3	-1.8	85	10.1	34	102	94	1.4	-1.3	-0.4	1.0	H0.1	-0.3	P0.4	S0.4	2.0	2.1	1.1	-0.2	S1.8	C0.3	S0.1	W0.3	B1.2	26.2
47	40	3.12	-0.7	-3.1	-4.6	96	7.8	48	556	98	1.0	1.1	0.3	0.5	H0.2	0.5	P0.9	S0.3	2.3	0.9	0.2	-0.7	S2.2	C0.2	S0.8	W0.3	C0.8	21.5
123	106	3.15	-1.1	-1.0	-1.6	94	6.8	32	210	96	0.2	1.0	0.0	0.6	L1.3	-0.2	P0.3	S0.5	-1.3	0.8	0.9	0.6	D1.0	C0.6	S0.2	C1.7	B0.6	10.1
10	12	2.78	-0.3	-0.3	-2.7	75	8.3	1	3	81	0.1	1.1	-0.3	0.5	H0.1	0.3	P0.1	S0.1	0.3	0.5	0.7	-0.7	S0.3	W0.8	L0.7	W0.7	C0.1	16.1

Herd Register or Generation Count 5 - 6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2025

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
F	ISNZ PUKETAWA KING CONNACHT	JENZL000000315503	F	JNS- TF	97JE15503	46	1,570	13,101	89	-1564	0.47	5	0.22	-20
A	DUPAT DILBERT-P-ET	JE840003127607529	F	JNS- TF	97JE195	46	68	248	95	-606	0.01	-28	0.00	-22
A	SUNSET CANYON BAILANDO-ET	JEUSA000173227815	F	JNS- TF	100JE7416	43	7	32	90	-741	0.21	2	0.09	-12
F	DEU RC SOL-PP	JEDEU000539873046	F	JNS- TF	624JE8001	42	146	200	86	-221	0.03	-5	0.03	-3
A	ISDK ADELGAARD PRIMERO PRIMAL	JEDNK005344803387	F	JNS- TF	97JE42034	42	109	255	91	-925	0.20	-10	0.03	-29
A	AHLEM WHISTLER-ET	JEUSA000067823718	F	JNS- TF	200JE1140	39	329	2,102	99	411	-0.06	9	-0.04	7
A	SUNSET CANYON BREXIT	JEUSA000173435265	F	JNS- TF	100JE7418	35	9	54	92	-1303	0.26	-19	0.13	-25
F	COVINGTON COJACK LUKE-PP	JE840003202129292	F	JNS- TF	202JE609	33	15	36	81	353	-0.18	-18	-0.04	6
F	ISDK VJ SOLBAKKEN HALEY HIRTS	JEDNK000000304552	F	JNS- TF	236JE4552	33	444	2,214	91	-1629	0.41	-10	0.27	-14
A	SUNSET CANYON MAID-RITE-ET	JEUSA000119714531	F	JNS- TF	100JE7382	31	32	129	96	-833	0.31	16	0.13	-7
F	ISNZ DERRILAND CARRICK REBEL	JENZL0000000321502	F	JNS- TF	97JE21502	31	129	522	76	-1506	0.43	1	0.22	-18
F	DEU ROSE CALLENBERG CRYSTAL-P-ET	JEDEU000539873090	F	JNSC	202JE607	28	117	183	86	-447	0.02	-19	0.00	-16
A	SUNSET CANYON BERLIN-ET	JEUSA000173345263	F	JNS- TF	100JE7414	25	3	22	89	-1161	0.38	10	0.19	-10
A	JX TLJ NXLEVEL BUSTER {5}	JEUSA000067300610	F	JNS- TF	100JE7399	22	11	97	94	6	-0.01	-2	-0.01	-1
F	ISNZ LITTLE RIVER NUCLEUS S3J	JENZL0000000317513	F	JNS- TF	97JE17513	22	642	5,253	82	-1310	0.27	-18	0.14	-24
F	ISNZ ARKAN GFD PARKWAY {6}-P-ET	JENZL0000000321512	F	JNS- TF	97JE21512	21	60	215	77	-1651	0.48	2	0.15	-35
F	CRESCENT WALKER TEX-ET	JENZL0000000320519	F	JNS- TF	97JE20519	20	36	107	77	-886	0.31	13	0.14	-8
A	HILMAR SPARKY ATLAS {5}-ET	JEUSA000119268647	F	JNS- TF	100JE7367	19	6	33	91	-265	0.05	-4	0.03	-5
A	SUNSET CANYON DENMARK-P-ET	JEUSA000119872521	F	JNSC	100JE7391	18	56	288	97	-966	0.26	-1	0.12	-14
A	COVINGTON MAID OF MAGIC-P	JE840003202129242	F	JNS- TF	54JE886	10	43	106	91	-560	0.05	-18	0.03	-16
F	ALL LYNNS VERNON MACARTHUR-ET	JEUSA000118612153	F	JNS- TF	202JE601	9	30	40	85	-676	0.17	-2	0.05	-16
A	UNIQUE MAVERICK-ET	JECAN000013356397	F	JNS- TF	799JE32	8	141	332	92	-175	-0.01	-11	0.01	-5
A	DULET BOOMERANG	JECAN000120396339	F	JNS- TF	799JE49	-3	96	223	90	-775	0.19	-4	0.15	-1
A	RIVER VALLEY VICTORIOUS-ET	JE840003126479524	F	JNS- TF	7JE5032	-5	1,210	5,597	99	-934	0.15	-19	0.10	-17
A	ST-LO PRESTO-ET	JECAN000110150638	F	JNS- TF	97JE187	-6	74	277	97	-1462	0.11	-53	0.01	-53
F	ISNZ ARDACHIE PEACEMAKER-PP	JENZL0000000320526	F	JNS- TF	97JE20526	-17	20	65	78	-853	0.06	-31	0.08	-17
A	ISAU CAIRNBRAE BONTINO	JEAUS0000000691603			187JE5308	-26	280	1,316	98	-774	0.11	-19	0.09	-13
F	ISNZ GLEN LEITH QUIGLEY SJ2 {6}-ET	JENZL0000000317517	F	JNS- TF	97JE17517	-32	360	2,247	78	-1602	0.28	-30	0.17	-30
A	ISAU LIGHTNING RIDGE FERDINAND	JEAUS0000000778373	F	JNS- TF	551JE1825	-39	139	430	98	-1107	0.13	-32	0.05	-32
A	SUNSET CANYON ACHILLES-ET	JEUSA000173125047	C	JNS- TF	100JE7405	-48	20	32	90	-1398	0.15	-43	0.10	-34
A	AVONLEA CHOCOCHIP-ET	JECAN000013638955	F	JNS- TF	777JE1296	-53	368	840	96	-1725	0.06	-75	0.08	-51
A	AVONLEA CHIPS CANADIAN CLUB-ET	JECAN000013478493	F	JNS- TF	551JE1840	-71	91	202	95	-1800	0.06	-80	0.08	-54
A	WF JOEL GOLDDUST	JE840003140929543	F	JNS- TF	100JE7486	-92	12	44	91	-1490	0.00	-75	0.07	-44
A	BIG GUNS COLTON VAN HALEN-ET	JE840003143948292	F	JNS- TF	54JE922	-92	17	52	91	-2252	0.10	-95	0.10	-67
A	MR MADDIES COLTON MACHINE	JE840003209884647	F	JNS- TF	100JE7421	-110	21	65	91	-2181	0.30	-58	0.12	-62

Herd Register or Generation Count 5 - 6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2025

CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
-35	-70	3.13	-0.1	0.1	6.4	76	0.8	165	853	79	-2.6	-2.6	1.3	-2.3	H0.2	-0.5	S0.3	L1.0	-2.7	-2.7	-1.8	-1.3	D2.7	W1.7	L0.1	W1.3	C0.4	-6.4
-135	-127	3.14	1.0	1.1	4.1	85	8.4	10	54	91	-0.8	-0.1	-0.2	-0.9	L0.8	-0.6	P0.4	L0.1	0.3	-0.5	-1.1	-1.6	S1.8	W1.3	S0.4	W0.8	C0.4	14.3
-82	-99	2.86	-1.5	-1.5	-0.4	78	7.8	5	33	87	0.5	1.6	-0.9	0.3	0.0	0.4	P0.1	S0.3	1.1	0.3	-0.9	0.6	S2.6	C0.5	S1.1	C1.0	C0.8	15.0
-166	-172	2.96	-1.8	-0.9	0.9	71	5.5	0	0	77	-0.5	1.5	0.4	-0.2	H0.4	1.0	S0.2	L0.6	0.1	-0.5	-0.4	-0.7	S0.9	W1.2	S0.1	W0.9	C0.5	13.6
-153	-148	3.12	-0.1	1.6	3.5	81	5.5	21	46	85	0.0	0.9	0.3	-0.5	H1.1	0.2	P0.6	S0.8	0.7	0.2	-0.5	0.2	S2.0	W0.8	0.0	W0.5	C0.1	18.0
-84	-78	2.95	-0.6	-0.7	-3.0	95	8.7	189	820	98	0.9	1.5	0.8	0.2	H0.2	1.5	S0.2	S0.3	1.1	0.9	1.0	0.8	S1.0	C1.1	L0.6	C0.5	B0.2	19.2
-61	-82	2.91	0.6	1.9	1.8	80	7.9	9	49	90	0.5	0.4	-0.8	0.1	H0.5	0.0	P0.6	S0.9	0.7	0.3	-0.8	1.2	S1.8	C0.7	S0.5	C1.5	C0.1	16.2
-113	-108	2.96	0.2	-0.7	-2.2	69	8.2	1	1	77	0.6	-0.2	0.5	-0.1	H0.4	0.2	P0.5	L0.1	0.8	1.2	0.5	-0.1	S0.8	W1.1	L1.4	W1.5	B1.1	18.1
-144	-194	2.92	-2.0	0.3	1.7	83	2.4	181	951	89	-0.4	0.9	0.0	-1.3	H0.2	0.2	P0.2	S0.8	2.3	0.2	-1.8	-0.7	S5.1	C0.8	S0.3	C0.1	C0.7	10.3
11	-14	3.00	-1.1	0.2	0.5	85	8.0	19	79	93	-1.1	-0.7	0.5	-1.1	L0.3	-0.1	S1.0	L0.7	-1.1	-1.5	-0.9	-0.5	D1.8	W0.3	S0.4	W0.8	C0.9	3.0
-70	-102	3.28	-2.7	0.1	6.4	64	0.6	22	83	68	-1.6	-4.3	1.0	-2.1	L1.1	-0.7	S0.4	L1.3	-1.8	-1.2	-0.7	-0.3	D3.1	W0.7	S0.2	W0.2	C0.1	0.5
-248	-245	2.99	-0.9	-1.7	1.3	71	6.8	3	7	80	0.2	0.9	0.2	-0.1	H0.5	0.6	P0.1	S0.3	0.6	-0.3	0.5	0.6	S1.2	C0.2	S0.3	C0.5	B0.2	16.8
-29	-62	3.09	-2.6	0.7	-0.5	78	7.1	4	23	88	0.4	-0.3	-0.2	0.3	H1.2	0.1	P0.6	S0.5	0.7	0.6	-0.4	0.9	S1.2	C0.2	L0.8	C0.7	B0.3	16.4
-104	-99	3.17	-1.1	-2.3	-0.6	82	8.2	2	4	82	-0.1	0.8	0.1	0.6	L2.1	-0.1	P0.7	L0.2	-0.6	0.6	0.6	-0.3	0.0	W0.5	L0.1	W0.7	C0.4	14.5
-135	-157	2.98	-1.0	1.4	5.8	59	-0.4	89	460	57	-2.0	-2.5	0.7	-2.9	H1.0	-1.2	S0.6	L1.2	-2.1	-1.8	-1.4	0.0	D2.1	W0.7	S0.3	W0.4	C0.2	0.0
-99	-120	2.97	-1.1	1.7	3.1	72	1.6	16	55	75	-0.7	-3.6	1.1	-1.6	H2.0	0.3	P0.3	S0.1	-0.7	-0.9	-0.4	0.7	D0.7	W0.1	L0.2	C0.1	B0.6	7.7
-129	-151	3.23	-4.3	-1.0	4.6	67	1.9	23	87	75	-2.1	-1.7	0.9	-2.6	L0.2	-0.3	S0.6	L1.0	-2.2	-2.6	-1.6	-0.4	D2.4	W0.4	L0.6	W0.5	C0.6	-3.2
-75	-80	3.00	-2.1	-0.9	-0.5	79	8.3	2	7	84	-0.2	-0.9	-0.5	0.3	L0.7	-0.2	P0.1	S0.2	-1.2	-1.0	-0.2	0.5	D1.1	C1.2	L0.2	C1.3	C0.7	4.8
-80	-102	2.96	-0.5	-2.1	-2.5	89	7.4	57	296	96	-0.1	0.5	-0.9	0.3	L0.2	-0.1	S1.4	L0.2	0.5	-0.4	-1.2	-0.1	S2.0	W0.2	S1.3	0.0	C1.0	14.8
-119	-122	2.90	0.6	-1.0	-2.1	78	7.9	28	63	89	-0.1	-0.2	-0.6	0.2	L0.1	-0.4	S0.8	S0.1	-0.2	0.2	-0.5	-0.2	S1.2	W0.9	S0.4	W0.8	B0.2	15.6
-44	-49	3.07	-1.4	1.1	0.8	76	6.6	0	0	81	-1.1	-1.5	-0.5	-0.8	L0.4	-1.0	S0.6	L0.4	-1.4	-0.9	-0.9	-0.5	D1.1	W0.4	0.0	W0.8	C0.4	5.5
-107	-100	3.37	-0.6	-0.1	0.3	81	7.4	117	261	90	-0.1	0.1	0.0	0.3	H1.7	-0.6	P0.8	S0.9	0.5	-1.1	0.8	-0.5	D0.9	C0.8	S0.6	C0.6	C0.3	10.5
-297	-328	3.04	-3.4	-3.3	-2.5	82	6.9	85	169	88	0.4	1.7	1.2	0.0	H1.4	1.1	P0.5	S0.3	1.9	0.0	0.5	0.4	S2.3	C0.2	S0.9	C1.1	B0.2	19.3
-260	-274	3.06	-0.9	-2.4	-2.2	97	7.0	890	3,609	99	1.2	0.9	0.1	0.6	H0.2	0.6	P0.7	0.0	1.7	1.6	0.9	0.5	S1.9	C1.7	S1.2	C1.5	B0.7	22.0
-356	-349	2.74	1.3	2.1	1.8	88	7.9	65	162	94	1.0	1.9	-0.8	0.4	H1.7	0.5	P1.0	S1.4	2.5	0.2	-1.0	0.7	S4.1	C0.6	L0.8	C1.1	B0.1	13.1
-279	-290	3.06	-2.9	-0.8	2.4	72	3.7	1	2	75	-1.5	-2.1	0.0	-1.1	H0.2	-0.7	S0.7	L0.7	-2.4	-1.6	-0.5	0.0	D2.4	W0.6	S0.1	W0.3	B0.1	0.7
-297	-308	3.18	-1.5	0.3	-1.9	89	9.5	154	504	95	0.9	1.0	1.7	0.3	L0.5	0.5	P0.8	L0.2	0.5	1.0	2.3	-0.3	S0.3	C1.0	S1.1	C0.1	C0.1	19.4
-251	-273	3.17	-2.8	1.9	3.9	67	0.7	40	132	74	-2.3	-5.0	0.6	-3.1	H0.8	-1.3	S0.1	L1.1	-2.1	-2.4	-1.8	-0.9	D2.3	W1.5	S0.1	W1.7	C0.2	-3.6
-402	-397	3.33	-1.8	-1.7	-0.4	88	7.0	144	383	97	0.8	0.7	-0.2	1.3	H1.3	0.5	P0.5	S0.4	0.5	1.0	1.1	0.1	S0.7	C0.3	L0.4	C0.5	B0.6	18.6
-579	-589	3.03	-3.9	-2.9	-0.7	77	6.2	20	33	87	0.6	2.0	0.3	0.6	H1.4	0.8	P0.7	S0.9	1.8	0.9	0.3	0.3	S2.1	C0.3	L1.2	C0.4	B0.5	20.8
-569	-569	3.04	0.3	1.6	1.5	85	6.1	213	449	95	0.9	0.5	0.5	0.2	H1.4	0.7	P0.8	S1.0	1.5	0.8	0.4	0.7	S1.1	C0.3	L0.7	C0.6	B0.9	19.0
-643	-642	3.02	-0.9	1.6	1.1	80	6.2	103	175	93	1.1	0.6	0.4	0.3	H1.7	0.9	P0.6	S1.0	2.5	1.6	0.1	0.7	S2.5	C0.1	L0.5	C1.0	B1.3	20.8
-753	-749	3.24	-3.4	-0.9	0.8	79	7.7	14	48	89	0.4	0.4	0.6	-0.4	H1.6	0.8	P1.3	S1.0	1.5	0.1	-0.2	0.4	S1.9	0.0	S0.3	W0.2	B0.6	19.5
-685	-682	3.15	-0.2	1.4	2.4	78	4.6	13	53	89	0.8	-0.2	-0.6	0.1	H1.0	0.1	P0.6	S0.7	2.2	0.8	-0.6	0.5	S2.6	C0.9	L0.2	C0.7	B1.2	18.2
-757	-754	3.35	-4.2	-1.7	0.6	77	5.2	19	50	88	0.6	0.5	0.4	0.6	H1.1	0.8	S0.2	S0.1	1.5	0.2	0.2	0.4	S1.0	C0.1	L0.7	C0.4	B0.7	17.9