

Top 1% of the Merino Database as of Sheep Genetics run 7th Sept 2019

Top 5% of the Merino Database as of Sheep Genetics run 7th Sept 2019

Top 10% of the Merino Database as of Sheep Genetics run 7th Sept 2019

lot	Visual Id	Birth Date	Concept	No.Born	Sire	WT	FD	SD	CV	CF	YWT	YFAT	YEMD	YFD	YCFW	Merino DP+	MP+
1	180035	22/6/18	AI	1	120175	118.5	19.9	3.2	16.1	99.8	8.1	-1.0	-0.5	-1.5	30.3	153.9	164.0
2	181769	7/8/18	Nat	1	140323	131.5	18	3.5	19.4	99.4	5.9	-0.8	-0.6	-1.7	24.3	151.8	159.2
3	181001	7/8/18	ET	1	OC140050	119	19.5	3.1	15.9	99.5	8.8	-0.6	-0.9	-1.6	33.0	170.8	179.4
4	181039	7/8/18	ET	1	OC140050	129.5	16.5	3	18.2	99.9	9.2	-0.8	-1.2	-1.7	30.3	163.9	172.0
5	180213	23/6/18	AI	1	160251	115	17.9	2.6	14.5	99.8	8.0	-1.1	-0.7	-2.6	15.4	151.2	161.6
6	180259	23/6/18	AI	1	150721	104.5	19.3	3.5	18.1	99.4	3.6	-0.8	-0.8	-1.5	22.6	142.9	149.9
7	181025	7/8/18	ET	1	OC140050	113	19.1	2.5	13.1	99.9	7.9	-0.4	-0.9	-1.7	25.9	159.2	168.4
8	180341	23/6/18	AI	1	160251	116.5	21.4	3.2	15	99.7	10.6	-0.9	-0.2	-1.1	26.9	164.4	167.1
9	181083	7/8/18	ET	1	120175	124	18.7	3.2	17.1	99.7	10.5	-0.8	-0.1	-1.3	35.1	173.9	177.8
10	181115	7/8/18	AI	1	MARCHSYN	115	16.7	2.8	16.8	99.8	6.7	-1.3	-2.2	-2.2	23.7		160.1
11	181013	7/8/18	ET	1	N150073	114	19.7	2.4	12.2	99.8	8.2	-1.0	-0.7	-1.2	21.0	149.6	157.3
12	P180083	26/7/18	AI	1	P150084	119.5	18.9	2.6	13.8	99.8	9.0	-0.4	-0.9	-0.7	20.6	144.8	152.8
13	P180469	7/8/18	Nat	1	MPOLLSYN	125	18.8	3	16	99.7	8.0	0.0	-0.7	-2.9	24.9		153.2
14	180999	26/7/18	AI	3	GP011739	116.5	19.8	2.5	12.6	99.7	9.0	0.3	1.1	-0.7	11.9	176.6	159.1
15	180367	23/6/18	AI	1	160281	117.5	21.7	3.3	15.2	99.4	10.3	-0.7	-0.8	-0.4	30.7	167.9	168.4
16	180355	23/6/18	AI	1	160251	119	19	2.5	13.2	99.8	11.1	-0.7	-0.5	-1.6	19.0	156.7	159.9
17	181395	7/8/18	Nat	1	150723	115	20.7	2.8	13.5	99.9	5.3	-1.0	-1.0	-1.1	23.8	148.1	156.7
18	181371	7/8/18	Nat	1	121191SYN	112	20	3.1	15.5	99.5	4.6		-1.0	-1.4	18.3		147.5
19	181253	7/8/18	Nat	1	150917	113	18.9	3.4	18	99.8	7.9	-0.6	0.3	-1.4	26.7	157.6	160.9
20	181087	7/8/18	ET	1	N150073	120.5	17.4	2.6	14.9	99.9	10.4	-1.0	-0.1	-1.9	25.7	167.2	171.2
21	181135	7/8/18	Nat	1	150329	107	18.6	3	16.1	99.5	6.2	-0.3	-0.2	-0.8	30.2	165.4	169.8
22	180029	22/6/18	AI	1	120175	109	19.8	2.6	13.1	99.6	7.7	-0.4	1.1	-0.1	30.2	157.7	155.7
23	181163	7/8/18	AI	1	OC140050	108	21	3.3	15.7	99.3	8.3	0.2	-0.2	0.0	18.8	151.1	148.2
24	181031	7/8/18	ET	2	OC140050	112	17.3	2.9	16.8	99.7	10.3	-0.6	-1.5	-2.8	25.3	169.4	181.5
25	181085	7/8/18	ET	1	N100958	117.5	18.4	3.4	18.5	99.8	9.7	-0.7	-0.2	-1.7	25.1	169.6	170.1
26	180365	23/6/18	AI	1	160281	100.5	18.8	2.8	14.9	99.6	7.8	0.0	-0.1	-1.2	17.9	148.6	151.0
27	180319	23/6/18	AI	1	160251	112.5	20.3	2.9	14.3	99.5	6.9	-0.7	-0.4	-1.2	25.8	155.6	163.2
28	180109	22/6/18	AI	1	JANAI1	121	17.8	2.5	14	100	6.0	-0.8	-0.8	-1.0	29.9	155.0	165.0
29	180297	23/6/18	AI	1	120175	135.5	20.4	3	14.7	99.6	9.7	0.0	0.5	-0.8	29.0	164.2	163.5
30	181131	7/8/18	Nat	1	140087	110.5	17.7	2.5	14.2	100	4.5	-0.8	-0.9	-2.1	22.8	144.9	159.7
31	180039	22/6/18	AI	1	150721	116.5	18	3.1	17.2	99.8	4.1	-0.8	-0.4	-2.5	22.5	153.3	160.4
32	181045	7/8/18	ET	1	120175	116.5	16.5	2.7	16.5	100	7.5	-1.0	-0.5	-2.6	22.5	158.0	167.7
33	180011	22/6/18	AI	1	150721	118	19	3	15.8	99.5	4.1	-1.1	-0.8	-2.3	26.7	158.3	168.5
34	180001	22/6/18	AI	1	160095	117	19.9	2.9	14.4	99.6	8.6	-0.3	0.3	-0.9	21.0	159.0	158.0
35	181029	7/8/18	Nat	1	BFPSYN	108	19.4	2.8	14.7	99.5	7.5	-0.5	0.5	-1.3	24.6	164.4	162.9
36	P180021	26/7/18	AI	1	H110004	108	19.2	3.2	16.5	99.3	2.5	-0.4	0.4	-2.1	16.2	141.4	144.3
37	P180477	7/8/18	Nat	1	MPOLLSYN	108	20.5	3.4	16.7	98.1	5.6	-0.2	0.3	-1.5	24.0	153.2	154.4
38	P180031	26/7/18	AI	1	CP707115	115	19.4	2.8	14.6	99.6	7.6	0.4	0.5	-1.2	15.6	155.8	148.1
39	181141	7/8/18	Nat	1	150167	109	19.6	2.6	13.3	99.8	5.9	-1.0	-1.3	-1.7	28.1	156.7	172.2
40	181825	7/8/18	Nat	1	150285	131	20.3	3.2	15.7	99.2	8.3	-0.5	-0.2	-1.0	25.5	161.0	162.9
41	180253	23/6/18	AI	1	150721	105.5	19.7	3.1	15.5	99.5	2.7	-1.4	-0.4	-1.9	21.4	147.6	155.6
42	181065	7/8/18	ET	1	120175	107	16.5	3	18.2	100	6.0	-1.1	-0.9	-2.3	26.1	145.0	160.9
43	181015	7/8/18	ET	2	121138	119.5	18.6	2.7	14.7	99.9	9.5	-1.1	0.4	-1.7	28.9	183.0	181.4
44	181423	7/8/18	Nat	1	150723	110.5	19	3.3	17.5	99.7	4.5	-0.8	-0.5	-1.5	20.2	146.3	151.1
45	181197	7/8/18	Nat	1	150329	114.5	21.5	3.2	15.1	99.2	5.3	-0.3	-0.1	-0.6	24.6	156.8	159.6
46	181073	7/8/18	ET	2	OC140050	115.5	17.3	2.5	14.7	100	11.5	-0.4	-0.7	-2.7	25.7	178.0	184.8
47	181159	7/8/18	AI	1	150329	110.5	20.7	3.1	14.3	99.1	5.6	-0.5	-0.2	-0.4	34.3	163.8	168.6
48	180187	22/6/18	AI	1	160095	121	19.5	2.9	14.7	99.5	7.5	-1.0	-0.8	-1.3	29.7	165.6	174.6
49	180477	7/8/18	Nat	1	140211	105.5	19.5	3.1	15.7	99	5.8	-0.8	0.2	-1.5	26.4	160.0	163.3
50	181023	7/8/18	ET	2	121138	108	19.5	3.1	15.8	99.5	8.4	-1.1	-0.4	-1.1	27.3	167.6	170.1
51	180215	23/6/18	AI	1	120175	100.5	18	3	16.6	99.5	3.5	-1.0	-0.6	-2.0	30.1	144.9	161.4
52	180369	23/6/18	AI	1	JANAI2	110	18.3	2.9	16	99.7	6.7	-1.0	0.1	-2.3	27.1	166.8	172.3
53	P180001	26/7/18	AI	1	GP011739	115	18.8	3.2	17	99.5	7.1	-0.2	0.4	-1.6	16.4	166.8	161.3
54	P180075	26/7/18	AI	1	POLLAISYN	112.5	19.4	3.5	17.9	99.6	6.2	0.0	-0.7	-1.5	13.3	134.9	141.5
55	P180091	26/7/18	AI	1	OC140050	119.5	19.7	3.1	15.8	99.7	8.0	0.4	0.4	-2.0	20.5	163.1	162.3
56	P180019	26/7/18	AI	1	GP011739	101.5	18.2	2.8	15.6	99.7	6.1	-0.8	-1.0	-2.1	19.0	161.6	166.8
57	P180233	7/8/18	Nat	1	P150084	92	20.2	3.4	16.8	98.7	4.2	-0.8	-0.8	-1.2	22.9	139.4	150.5
58	180033	22/6/18	AI	1	120175	117	20.1	3.7	18.7	99.7	7.3	-1.0	-0.5	-1.0	25.9	143.6	151.3
59	180337	23/6/18	AI	1	120175	117	21.4	3.2	14.9	99	6.7	-0.4	-0.6	-0.6	33.2	153.6	164.0
60	180163	22/6/18	AI	1	120175	119.5	21.3	3.3	15.5	99	7.9	-1.1	-1.0	-0.6	30.6	153.1	164.1
61	181035	7/8/18	ET	1	OC140050	120.5	20.7	3.4	16.6	99.1	10.4	-0.4	-0.7	-1.2	35.5	174.6	179.8
62	180015	22/6/18	AI	1	120175	124.5	18.2	2.5	14	99.6	7.8	-1.0	-0.2	-1.9	26.9	160.5	169.3
63	180813	7/8/18	Nat	1	140351	115	19.7	2.8	14.1	99.5	6.8	-0.6	1.0	-1.1	27.9	170.8	169.8
64	180003	22/6/18	AI	1	120175	116	21.1	3.3	15.5	99.2	5.7	-0.7	0.0	-0.7	28.6	148.3	155.3
65	180809	7/8/18	Nat	1	150323	119	21.3	3.5	15.7	98.8	8.3	-0.1	0.0	-0.1	19.2	155.4	149.8
66	180335	23/6/18	AI	1	160251	113.5	20.1	2.7	13.7	99.2	7.2	-1.1	-1.1	-1.5	27.1	156.3	168.4
67	180527	7/8/18	Nat	1	140211	114	20.4	3.8	18.4	99.3	6.7	-0.6	0.9	-1.2	26.1	163.0	159.1
68	180143	22/6/18	AI	1	120175	118.5	19.5	3.1	15.8	99.7	6.6	-0.7	-0.2	-1.2	24.1	146.7	154.8
69	181633	7/8/18	Nat	1	160669	106.5	20.1	2.9	14.6	99.5	5.1	-0.1	0.6	-0.7	19.9	154.5	151.1
70	180221	23/6/18	AI	1	160281	104.5	18.5	2.9	15.5	99.9	6.9	-0.4	0.3	-2.1	23.1	162.5	164.3
71	180269	23/6/18	AI	1	150721	112.5	19.6	3.4	17.6	99.4	3.8	-0.6	-1.4	-1.9	19.4	141.4	153.7
72	180211	23/6/18	AI	1	150721	104	21.4	3.1	14.6	98.8	4.0	-0.9	-0.3	-1.0	20.3	145.6	150.7
73	181389	7/8/18	Nat	1	150723	118.5	16.6	3	17.9	100	5.3	-0.8	-0.4	-2.9	21.1	161.4	167.5
74	181339	7/8/18	AI	1	N150073	111	19	3.1	16.4	99.8	5.7	-1.3	-0.9	-1.8	27.6	158.4	168.3
75	181365	7/8/18	Nat	1	150721	110	19.3	3.1	16.								

90	180179	22/6/18	AI	1	160095	107.5	20.6	3.1	14.9	99.4	7.9	-0.7	0.2	-0.9	25.3	162.3	162.8	
91	180087	22/6/18	AI	1	120175	108.5	18.6	2.8	14.8	99.9	7.5	-0.5	-0.1	-1.6	26.6	156.0	164.0	
92	180401	7/8/18	Nat	1	150347	96	18.7	2.3	12.4	99.9	4.1	-0.9	-0.1	-2.1	12.3	146.1	151.9	
93	180331	23/6/18	AI	1	120175	116	20.4	2.7	13.2	99.7	7.1	-0.9	-0.3	-1.1	27.3	152.6	161.9	
94	180343	23/6/18	AI	1	160251	110	19.3	3.2	16.8	99.5	7.3	-1.2	-0.4	-1.8	27.7	162.2	168.9	
95	181077	7/8/18	ET	1	120175	109.5	19.5	3	15.5	99.9	8.7	-0.9	-0.3	-1.3	29.8	156.6	163.9	
96	180131	22/6/18	AI	1	160095	107.5	18.4	2.8	15.1	99.9	6.9	-1.7	-1.1	-1.9	30.5	165.9	179.2	
97	180605	7/8/18	Nat	1	150347	98.5	17.6	2.9	16.3	99.9	3.8	-1.3	-0.5	-0.5	-2.5	17.8	150.9	160.4
98	181223	7/8/18	Nat	1	150329	104	18.1	2.6	14.5	100	3.7	-0.6	0.1	-2.2	21.1	157.6	163.9	
99	180229	23/6/18	AI	1	160251	119	20.5	3	14.8	99.1	8.4	-0.9	-0.1	-1.2	29.6	166.9	170.4	
100	181075	26/7/18	ET	2	OSCAR	107	20.4	3.3	16	99.3	7.9	-0.4	-0.3	-1.3	24.3	157.7	162.2	
101	181145	7/8/18	Nat	1	140011	102.5	18.4	3.1	16.7	99.8	4.6	-0.8	0.3	-2.1	26.4	160.4	166.1	
102	180121	22/6/18	AI	1	120175	108	19.7	2.7	13.9	99.6	7.0	-0.9	-0.6	-1.2	25.4	148.0	159.6	
103	180123	22/6/18	AI	1	120175	108.5	21.6	3	13.7	99.2	5.8	-0.9	-1.1	-0.3	30.3	142.5	157.2	
104	181055	7/8/18	ET	1	120175	113.5	19.2	2.9	15.3	99.8	9.7	-0.6	-0.3	-1.1	28.6	162.6	168.0	
105	180727	7/8/18	Nat	1	141599	93.5	20.2	3	14.8	99.1	3.0	-0.7	-0.4	-0.9	25.7	149.0	156.8	
106	181261	7/8/18	Nat	1	140087	97.5	18.5	3.2	17.1	99.6	3.9	-1.0	-1.2	-2.2	31.4	152.8	170.3	
107	180063	22/6/18	AI	1	160095	117	21.2	3.4	15.4	99	8.2	-1.1	0.6	-0.2	29.5	166.8	163.4	
108	180651	7/8/18	Nat	1	150323	97	20	2.9	14.5	100	2.7	-0.6	-0.3	-0.8	19.1	137.6	142.8	
109	180361	23/6/18	AI	1	150721	101	18.2	3.1	17.1	99.7	3.0	-0.8	-0.7	-2.2	23.8	150.2	160.0	
110	181017	7/8/18	ET	1	N150073	122	18.9	2.8	14.6	99.8	10.9	-1.2	-1.1	-1.8	36.7	181.0	192.0	
111	180007	22/6/18	AI	1	160095	107	20.1	2.9	14.4	99.5	9.8	-1.2	-0.9	-1.2	27.8	167.6	173.8	
112	181375	7/8/18	Nat	1	150723	102	18.9	2.9	15.3	99.3	3.9	-0.8	-0.5	-1.8	21.0	149.7	156.3	
113	180691	7/8/18	Nat	1	141599	95	17.9	2.3	13.2	99.8	2.9	-0.5	0.3	-1.8	12.4	142.1	146.7	
114	181151	7/8/18	Nat	1	150167	99	20	2.7	13.8	99.5	3.3	-0.8	-0.4	-1.6	27.5	151.5	164.1	
115	180777	7/8/18	Nat	1	140351	101.5	19.3	2.5	13	99.8	5.5	-0.4	0.2	-1.1	25.9	158.6	162.9	
116	181093	7/8/18	ET	1	121191	92	18.7	2.4	12.9	99.9	7.0	-0.9	-0.5	-1.7	25.1	154.9	165.8	
117	180261	23/6/18	AI	1	120175	96	20.3	3.2	16	98.7	3.7	-1.1	-0.3	-0.9	31.4	145.2	157.1	
118	P180015	26/7/18	AI	1	GP011739	95.5	22	3.1	14.2	98.9	4.4	-0.4	-0.4	-0.4	18.9	153.0	152.3	
119	181449	7/8/18	Nat	1	160669	111.5	20.3	2.7	13.5	99.7	6.4	0.0	1.2	-0.8	19.7	163.0	155.3	
120	P180479	7/8/18	Nat	1	MPOLLSYN	106	22.4	3.3	14.6	98.9	6.0	0.0	0.0	-0.4	23.8	145.9	147.7	
121	181335	7/8/18	AI	1	MARCHSYN	111	19.5	2.9	14.8	99.5	6.5	-0.8	-0.5	-1.5	24.0	156.3	163.6	
122	180615	7/8/18	Nat	1	140351	95	21.7	4.2	18.6	99	5.2	-0.2	0.4	0.5	26.1	145.5	145.4	
123	181255	7/8/18	Nat	1	150917	104	19.5	2.8	14.3	99.4	3.4	-0.9	-0.9	-1.4	27.4	140.4	155.9	
124	180835	7/8/18	Nat	1	150323	96	18.8	2.7	14.5	99.6	2.8	-0.5	-0.4	-1.5	20.2	143.9	150.6	
125	180889	7/8/18	Nat	1	151005	124	22.1	3.6	16	98.7	7.6	-0.5	-0.6	0.2	23.5	148.7	150.3	
126	180287	23/6/18	AI	1	120175	108.5	22.1	3.3	15	98.8	5.8	-0.6	-0.6	0.0	32.8	147.4	157.7	
127	180077	22/6/18	AI	1	160095	107	22.5	3.6	16.1	97.7	6.6	-0.6	0.2	0.1	31.3	159.8	160.4	
128	181361	7/8/18	Nat	1	150721	94	18.2	3.5	19.3	100	2.2	-0.9	-0.7	-2.5	20.4	142.8	154.0	
129	180559	7/8/18	Nat	1	BWPLSYN	100	17.7	2.8	15.6	100	3.5	-0.9	-1.2	-2.1	18.1	141.5	155.4	
130	180509	7/8/18	Nat	1	151035	95	20.6	3.2	14.8	99.2	4.0	-0.4	-0.4	-0.1	28.9	144.4	152.4	
131	181109	7/8/18	Nat	1	140011	95.5	22.1	3.2	14.6	99	5.7	-0.2	0.7	-0.3	26.7	152.9	151.7	
132	P180119	26/7/18	AI	1	CP707115	96	19.7	3	15.4	99.6	5.8	0.4	1.1	-1.5	14.9	157.3	148.3	
133	P180149	7/8/18	Nat	1	P150084	103	18.2	2.8	15.4	99.9	5.6	-0.6	-0.6	-1.8	16.6	139.1	148.3	
134	181173	7/8/18	AI	1	150917	94.5	18.5	2.7	14.5	99.8	5.8	-0.6	-0.8	-1.8	22.3	143.9	156.9	
135	181005	7/8/18	Nat	1	BFPPRSYN	99	17.3	2.7	15.5	100	3.7	-1.1	-0.7	-2.4	20.0	144.8	157.3	
136	180437	7/8/18	Nat	1	150771	90	18.5	2.7	14.8	99.7	4.5	-0.6	-0.6	-1.9	22.0	154.2	161.8	
137	180943	7/8/18	Nat	1	151005	101.5	19.4	3.3	16.8	99.4	4.2	-0.6	0.3	-1.4	19.8	146.2	149.3	
138	180227	23/6/18	AI	1	120175	101.5	17.5	3	17	100	5.2	-0.3	0.2	-2.1	23.3	148.3	157.1	
139	181247	7/8/18	Nat	1	141741	113.5	22.1	3.4	14.4	98.9	7.9	-0.8	-0.5	1.0	26.9	153.3	149.8	
140	181269	7/8/18	Nat	1	141741	92	20.7	2.8	13.3	99.5	5.2	-0.6	-0.6	-0.1	20.0	140.7	143.4	
141	181245	7/8/18	AI	1	150917	97	18.8	2.7	14.5	99.7	5.6	-0.6	0.6	-1.8	25.3	158.1	161.6	
142	180045	22/6/18	AI	1	120175	112.5	21.5	3.1	14.4	99	8.0	-0.6	-0.3	-0.7	32.0	158.7	165.2	
143	180389	7/8/18	Nat	1	150771	96.5	20.8	3	14.7	99.6	3.4	-0.9	-1.1	-0.9	28.7	150.7	160.6	
144	181217	7/8/18	Nat	1	140011	100	18.5	2.9	15.8	99.8	5.3	-0.3	0.6	-1.7	22.5	151.5	154.0	
145	181251	7/8/18	Nat	1	140011	97.5	17.6	2.5	14.1	99.8	5.9	-0.1	1.1	-2.2	16.6	154.6	153.4	
146	180765	7/8/18	Nat	1	150771	95	18.4	2.8	15.3	99.9	4.1	-1.0	-0.7	-2.1	20.2	152.4	161.5	
147	180141	22/6/18	AI	1	160095	111	19.9	3	14.9	99.3	6.7	-1.3	-0.8	-1.3	30.7	163.1	172.1	
148	181241	7/8/18	AI	1	150329	99.5	19.1	2.9	15.1	99.4	4.2	-0.7	-0.1	-1.8	24.4	158.5	165.8	
149	P180457	7/8/18	Nat	1	140011	104.5	20.3	2.8	13.9	99.2	6.6	-0.5	1.3	-1.8	25.4	165.1	163.2	
150	P180513	7/8/18	AI	1	OC140050	109.5	21.8	3.4	15	98.8	9.9	-0.3	-0.9	-0.8	27.4	154.9	161.6	
151	181533	7/8/18	Nat	1	160031	97.5	20.8	2.9	14.1	99.2	4.7	-0.5	0.2	-0.8	20.7	145.0	149.1	
152	P180505	7/8/18	AI	1	OC140050	101	21.2	2.9	13.7	99.4	9.2	0.0	-0.1	-1.0	23.7	161.9	163.7	
153	P180155	7/8/18	Nat	1	P140069	110	19.8	3.5	17.8	99.9	4.8	0.3	0.8	-1.1	10.0	130.0	125.8	
154	180289	23/6/18	AI	1	120175	108	18.6	3.5	18.7	99.4	7.5	-0.9	0.4	-1.7	27.7	159.4	162.6	
155	181219	7/8/18	Nat	1	140011	92	18.4	2.7	14.5	99.8	6.8	-0.3	0.1	-1.8	19.0	147.6	152.2	
156	180363	23/6/18	AI	1	150721	121.5	20.2	3.2	16	99.1	2.6	-1.2	-1.0	-1.9	31.7	157.5	170.5	
157	180159	22/6/18	AI	1	120175	106	19.8	3.4	17.3	99.6	7.0	-0.7	-0.5	-1.1	29.2	151.2	160.7	
158	181209	7/8/18	Nat	1	140011	108	19	3	15.9	99.4	8.1	-0.4	0.7	-1.6	22.9	164.3	162.5	
159	180549	7/8/18	Nat	1	150771	107.5	19.7	3.1	15.7	99.7	4.5	-0.9	-1.0	-1.4	24.2	151.7	160.4	
160	180195	22/6/18	AI	1	JANAI1	94.5	18.3	2.8	15.3	99.7	6.0	-0.7	-0.7	-2.0			164.6	
161	180695	7/8/18	Nat	1	140351	109.5	20.6	2.9	14.1	99.4	6.6	-0.5	0.5	-0.5	29.5	161.8	163.2	
162	180937	7/8/18	Nat	1	150283	101.5	18.4	2.7	15	100	3.1	-1.2	-1.0	-1.9	20.5	140.5	153.8	
163	181101	7/8/18	Nat	1	150167	96.5	20.4	2.9	14.3	99.5	3.2	-1.0	-0.7	-1.2	26.4	143.3	157.2	
164	P180209	7/8/18	Nat	1	P140189	111	19.7	4.4	22.2	99.1	6.7	-0.1	-0.4	-1.6	20.3	138.8	144.0	
165	P180129	26/7/18	AI	1	GP011739	103.5	20.7	3.2	15.4	98.9	5.2	-0.4	0.0	-0.7	17.1	156.1	152.2	
166	180553	7/8/18	Nat	1	150771													

183	181189	7/8/18	Nat	1	140379	97.5	18.6	3.5	18.7	99.6	7.7	-0.4	0.0	-1.8	30.2	167.3	172.1
184	181187	7/8/18	Nat	1	150329	89	20.4	3	14.7	99.3	1.5	-0.8	0.0	-1.1	22.8	144.3	152.3
185	180687	7/8/18	Nat	1	150973	99.5	18.8	2.6	14	99.6	5.0	-0.9	-0.3	-2.0	26.7	157.4	167.6
186	180667	7/8/18	Nat	1	141599	90	21.1	3.3	15.7	99.4	2.3	-0.6	0.2	-0.5	24.2	146.1	149.6
187	181807	7/8/18	Nat	1	140149	97	20.3	3.3	16.5	99.1	6.1	-0.5	0.4	-1.0	38.9	174.2	177.6
188	181767	7/8/18	Nat	1	140323	94.5	19.2	2.8	14.5	99.7	3.7	-0.9	-0.1	-1.3	24.1	150.8	157.6
189	180189	22/6/18	Al	1	120175	121.5	19.8	2.9	14.8	99.3	7.3	-0.9	-0.2	-1.3	29.3	157.8	165.9
190	180417	7/8/18	Nat	1	140211	113.5	18.5	3.4	18.4	99.9	6.1	-0.8	0.4	-2.0	28.0	166.4	168.2
191	180091	22/6/18	Al	1	160095	111.5	19.6	2.8	14.5	99.6	8.5	-1.0	-0.5	-1.3	25.7	161.6	167.2
192	180371	23/6/18	Al	1	120175	101	21.9	3.5	16.2	98.9	6.7	-0.8	0.0	-0.2	33.4	153.9	159.9
193	181421	7/8/18	Nat	1	150721	101.5	20.1	3.2	15.8	99	2.6	-0.8	-0.8	-1.5	20.1	141.0	151.1
194	181341	7/8/18	Al	1	N150073	87.5	18.8	2.8	15	99.8	6.2	-1.2	-0.6	-2.0	25.4	157.4	167.3
195	181205	7/8/18	Nat	1	140379	100.5	20.1	2.9	14.5	99.1	7.5	-0.5	-0.3	-1.1	27.3	157.9	164.9
196	P180447	7/8/18	Nat	1	MPOLLSYN	124.5	17.9	2.9	16.1	99.8	7.1	-0.1	0.1	-2.1	13.3	145.4	147.6
197	P180165	7/8/18	Nat	1	P140189	106	21.2	3.7	17.3	98.9	6.1	-0.3	-0.8	-0.9	22.6	132.9	141.2
198	181221	7/8/18	Nat	1	140019	100.5	20.4	3.1	15.3	99.2	4.5	-1.1	-0.6	-1.1	30.6	152.6	161.9
199	180043	22/6/18	Al	1	120175	99.5	20.9	3.7	17.5	98.6	5.9	-1.4	-1.8	-0.8	34.9	146.0	164.5
200	181763	7/8/18	Nat	1	AWO AFR R	93.5	20.1	2.8	14	99.2	5.5			-0.9		157.7	163.2
201	180097	22/6/18	Al	1	160095	93	19.6	2.8	14.4	99.5	5.0	-0.7	-0.3	-1.3	26.3	153.3	162.0
202	180243	23/6/18	Al	1	120175	106.5	21.7	3.5	16.2	99.2	7.0	-0.8	-0.3	-2.8	13.8	141.3	151.1
203	180831	7/8/18	Nat	1	140351	97	21.5	2.9	13.4	99.3	3.9	-0.7	0.1	-0.2	33.0	157.0	163.6
204	181081	7/8/18	ET	1	OC140050	101.5	18.2	3.1	17.2	99.9	7.6	-0.4	-0.7	-2.2	26.6	162.3	171.5
205	181227	7/8/18	Nat	1	140019	100	21.4	3.3	15.5	98.9	5.4	-0.6	0.1	-0.5	26.2	147.6	150.3
206	181739	7/8/18	Nat	1	150285	108	20.3	3.3	16.3	99.1	6.0	-0.2	0.9	-1.1	30.2	163.1	160.9
207	180575	7/8/18	Nat	1	151035	91	17.5	2.7	15.7	99.9	2.5	-0.6	-1.1	-2.0	26.2	144.3	162.3
208	181849	7/8/18	Nat	1	140149	94.5	20.5	3.1	14.9	99	8.7	-0.2	-0.6	-0.9	33.5	167.6	174.0
209	180257	23/6/18	Al	1	120175	100.5	18	2.5	13.7	100	5.1	-1.0	-0.5	-2.2	21.5	142.0	156.3
210	180801	7/8/18	Nat	1	140351	101.5	18	3.1	17.2	99.5	5.5	-0.8	0.1	-1.9	27.4	163.0	169.1
211	181215	7/8/18	Nat	1	140011	104.5	21	3.4	16.1	99	6.0	-0.5	0.7	-0.7	25.9	156.2	155.4
212	180635	7/8/18	Nat	1	140351	95	20.8	3.4	16.5	99.2	5.1	-0.4	0.1	-0.3	26.8	151.0	154.6
213	181201	7/8/18	Nat	1	150329	99	20.6	2.8	13.8	99.2	3.3	-0.6	-0.2	-1.2	23.0	147.7	155.6
214	P180175	7/8/18	Nat	1	P150084	97.5	21.2	3.1	14.5	98.9	5.4	-0.3	-0.8	-1.3	18.6	136.6	146.3
215	P180029	26/7/18	Al	1	H110004	97	20.3	2.8	13.8	99.5	2.3	-0.3	-0.2	-1.3	16.8	134.3	140.3
216	181765	7/8/18	Nat	1	140323	101.5	19.4	3.3	17.2	99.2	4.5	-0.9	-0.5	-1.3	27.0	152.7	161.3
217	180025	22/6/18	Al	1	160095	103	18.5	3.5	19.2	99.7	4.9	-1.2	0.8	-1.7	32.7	169.3	171.0
218	180173	22/6/18	Al	1	160095	110.5	22.4	3.5	15.1	98.9	7.4	-0.4	-0.1	0.4	28.3	155.1	156.0
219	180207	23/6/18	Al	1	160251	95.5	17.4	2.7	15.5	100	6.9	-0.7	-0.5	-2.5	19.3	153.2	162.2
220	181313	7/8/18	Nat	1	101929	94	17.7	2.6	14.8	99.8	2.8	-0.5	-0.9	-2.2	10.3	133.6	143.1
221	180391	7/8/18	Nat	1	150347	108.5	21.2	3.3	15.4	99	4.1	-1.2	-0.7	-0.9	21.5	147.4	153.8
222	181213	7/8/18	Al	1	150329	98	20.1	2.6	13.1	99.3	7.0	-0.6	-0.4	-1.3	31.2	171.9	178.5
223	181841	7/8/18	Nat	1	140323	92.5	20.7	3.2	15.3	99	3.5	-1.0	-1.0	-0.6	26.1	141.7	153.0
224	180767	7/8/18	Nat	1	140351	135.5	19.4	2.8	14.4	99.7	4.8	-0.6	0.0	-1.1	24.4	153.0	159.6
225	180201	22/6/18	Al	1	160095	97	19.9	3.3	16.4	99	4.8	-1.7	-1.4	-1.4	30.4	150.7	166.9
226	P180061	26/7/18	Al	1	CP707115	109	22.2	3.9	16.8	98.9	6.9	1.0	1.2	-0.2	18.9	154.8	141.6
227	P180241	7/8/18	Nat	1	P150132	96	20.7	3.3	16.1	98.6	4.6	-0.4	0.7	-1.2	27.2	155.2	156.7
228	181573	7/8/18	Nat	1	110294	103.5	22.1	3.7	16.8	97.7	3.4	-1.0	-0.9	-0.3	35.0	158.1	164.8
229	P180183	7/8/18	Nat	1	P150084	102	20.5	3	14.4	99.4	6.2	-0.3	-0.2	-1.0	19.0	141.4	146.4
230	181067	7/8/18	ET	1	N150073	109.5	19.2	3.3	17.3	99.4	8.0	-1.5	-0.8	-2.0	30.0	164.5	175.1
231	180611	7/8/18	Nat	1	141599	93	21	3.2	15.4	99.1	2.8	-0.1	1.3	-0.9	25.6	159.2	156.3
232	181265	7/8/18	Nat	1	141741	102	20	3.5	17.7	99.5	7.5	-0.9	-0.6	-0.3	30.9	154.9	156.5
233	180049	22/6/18	Al	1	160095	96.5	21.3	4	17.7	99	7.5	-0.6	0.4	-0.1	29.3	161.2	158.9
234	181157	7/8/18	Nat	1	140011	98.5	18.3	3.4	18.6	99.8	5.4	-0.8	0.4	-2.2	29.0	164.5	168.9
235	181237	7/8/18	Nat	1	150329	105	20.5	2.8	13.8	99.7	4.7	-0.3	0.3	-1.1	19.5	153.6	156.0
236	180799	7/8/18	Nat	1	140351	95.5	18.7	3.2	17.3	99.5	4.2	-0.8	0.4	-1.5	29.3	161.3	166.3
237	180237	23/6/18	Al	1	120175	101	19.9	3	15.3	99.6	6.0	-1.1	-1.1	-1.2	26.1	142.7	158.0
238	180713	7/8/18	Nat	1	140351	93.5	18.8	2.7	14.6	99.9	4.4	-0.7	-0.1	-1.4	25.7	154.1	161.8
239	181263	7/8/18	Al	1	140087	105.5	18.8	3.1	16.3	99.5	7.0	-0.8	-0.3	-1.9	28.3	158.8	167.1
240	180829	7/8/18	Nat	1	150771	98	17.2	2.7	15.5	100	4.2	-1.2	-0.8	-2.6	21.3	157.5	167.5
241	181235	7/8/18	Nat	1	140011	92	19.5	2.7	13.9	99.8	5.6	-0.2	1.3	-1.4	23.4	159.7	157.5
242	180561	7/8/18	Nat	1	151035	97.5	18.3	2.7	14.8	99.9	4.5	-0.4	-0.7	-1.7	18.5	140.5	153.2
243	180255	23/6/18	Al	1	150721	104.5	18.2	2.7	14.6	99.9	4.0	-1.0	-1.4	-2.6	24.0	153.3	168.9
244	181047	7/8/18	ET	1	OC140050	91.5	18	2.9	16.2	99.8	8.5	-0.6	-0.7	-1.9	31.7	167.0	175.5
245	180315	23/6/18	Al	1	140211	90	19.3	3.2	16.7	99.5	5.8	0.2	1.1	-1.6	19.0	155.3	151.5
246	180403	7/8/18	Nat	1	150771	94.5	17.1	2.5	14.5	100	3.0	-1.0	-1.0	-2.5	24.9	155.2	168.2
247	181139	7/8/18	Nat	1	150917	92	19.2	2.6	13.6	99.7	6.0	0.0	0.5	-1.3	18.4	143.4	146.0
248	180649	7/8/18	Nat	1	140351	105.5	19.7	3	15.4	99.8	5.6	-0.6	0.2	-0.9	26.0	158.5	161.8
249	180803	7/8/18	Nat	1	140351	109	21	3.4	15.3	99	6.4	-0.7	0.3	-0.1	32.2	165.6	166.7
250	181425	7/8/18	Nat	1	150721	92	19.8	3	15.3	99.1	0.6	-1.4	-1.6	-1.7	30.0	143.6	162.2
251	181193	7/8/18	Al	1	150917	90	20.3	3.5	17	99.5	5.9	-0.7	-1.2	-1.0	23.8	136.2	149.7
252	180293	23/6/18	Al	1	160251	95.5	19.8	3.1	15.8	99	6.1	-0.9	-0.3	-1.5	26.3	154.2	162.1
253	180067	22/6/18	Al	1	120175	110	20.5	3.3	16.3	99.1	7.0	-0.8	-0.4	-0.8	30.7	152.1	160.4