Table 3
APOGEE + KELT Classical Be Star Sample

ABE ID	STAR NAME	NOMAD V mag.	Spectral Type	Reference	Spectral Class	T_eff	APOGEE field	KELT First obs.	KELT Last obs.	Number of Outbursts
003	HR 7757	6.55	B7Ve	ARCES + AO	late	11	N11	2007 May 29	2013 Jun 13	0
004	MWC 344	6.73	B0IIIe	ARCES	early	4	N11	2007 May 29	2013 Jun 13	0
005	Hen 3-1876	9.70	OB	1	unclassified	7	N11	2007 May 29	2013 Jun 13	0
006	MWC 615	8.08	B2Ve	2	early	3	S14	2010 Apr 11	2014 Oct 23	3
007	BD-05 4897	9.24	B8II/III		3	late	3	S14	2010 Apr 11	2014 Oct 23	0
009	TYC 3586-282-1	9.19	B8	4	late	15	N24	2012 Mar 23	2014 Dec 30	0
010	BD+50 3188	9.31	B3IIIe	ARCES	early	3	N24	2012 Mar 23	2014 Dec 30	3
011	TYC 3583-670-1	9.70	B3Ve	ARCES	early	3	N24	2012 Mar 23	2014 Dec 30	0
012	WISE J205547.33+504028.8		10.77	cdots	New	unclassified	3	N24	2012 Mar 23	2014 Dec 30	0
013	EM* CDS 1038	10.43	B7Ve	ARCES	late	17	S13	2010 Mar 19	2015 Mar 19	0
014	V2163 Cyg	6.93	B5IVe	ARCES + AO	mid	20	N24	2012 Mar 23	2014 Dec 30	0
019	BD+56 3106	8.18	B1IIIe	ARCES	early	7	N16	2012 May 21	2014 Dec 29	2
020	SS 412	10.53	OB:e	5	unclassified	32	S13	2010 Mar 19	2015 Mar 19	2
023	BD+44 709s	10.55	OB	6	unclassified	14	N17	2012 Sep 17	2014 Dec 29	0
024	TYC 1846-17-1	9.60	A3	4	late	13	N04	2006 Oct 26	2014 Dec 31	0
025	BD+29 981	9.16	B4Ve	ARCES	mid	12	N04	2006 Oct 26	2014 Dec 31	8
026	V438 Aur	8.02	B2V	ARCES + AO	early	12	N04	2006 Oct 26	2014 Dec 31	3
027	TYC 2405-1358-1	9.82	B4V	ARCES	mid	12	N04	2006 Oct 26	2014 Dec 31	1
028	MWC 794	8.09	B8Ve	ARCES	late	13	N04	2006 Oct 26	2014 Dec 31	0
029	BD+34 1307	9.17	B7Ve	ARCES	late	13	N04	2006 Oct 26	2014 Dec 31	6
030	BD+34 1318	8.81	B8shell	ARCES	late	13	N04	2006 Oct 26	2014 Dec 31	0
032	SS 453	10.20	Be:	5	unclassified	3	N24	2012 Mar 23	2014 Dec 30	0
033	BD+55 2936	9.25	B4Ve	ARCES	mid	3	N16	2012 May 21	2014 Dec 29	17
034	MWC 1085	8.79	B3Ve	7	early	3	N16	2012 May 21	2014 Dec 29	0
037	BD+31 1154	9.21	B8	8	late	14	N04	2006 Oct 26	2014 Dec 31	0
038	BD+22 3902	10.60	A3	9	late	20	N11	2007 May 29		

2013 Jun 13 0
045 TYC 3692-1234-1 10.32 B7shell ARCES late 3 N17 2012 Sep 17
2014 Dec 29 0
046 V353 Per 9.06 B0III ARCES early 3 N17 2012 Sep 17
2014 Dec 29 0
047 BD+37 1271 7.31 B8Ve ARCES late 3 N04 2006 Oct 26
2014 Dec 31 0
048 BD+42 4162 8.92 B8shell ARCES late 13 N12 2007 Jun 08
2013 Jun 14 0
051 BD+21 3985 9.87 A0 9 late 3 N11 2007 May 29
2013 Jun 13 4
054 BD+22 825 6.52 B8Ve ARCES + AO late 12 N04
2006 Oct 26 2014 Dec 31 0
055 BD+04 1529 9.08 B8Ve AO late 15 J06 2010 Mar 02
2015 May 06 0
057 TYC 4056-415-1 9.29 B5Ve AO mid 3 N17 2012 Sep 17
2014 Dec 29 0
060 BD+38 1712 8.30 B8shell ARCES + AO late 3 N05
2006 Oct 27 2012 Apr 22 0
062 TYC 4060-96-1 8.40 cdots New unclassified 3 N17
2012 Sep 17 2014 Dec 29 0
063 TYC 158-270-1 9.42 B8III 10 late 15 S05 2010 Feb 28
2015 Apr 09 0
064 TYC 5126-2325-1 10.73 cdots New unclassified 3 S13
2010 Mar 19 2015 Mar 19 0
065 BD-06 4858 9.36 B9IV 3 late 3 S13 2010 Mar 19
2015 Mar 19 0
066 TYC 5121-940-1 10.30 cdots New unclassified 3 S13
2010 Mar 19 2015 Mar 19 3
067 HR 1047 5.90 B8Ve ARCES + AO late 8 N17 2012 Sep 17
2014 Dec 29 0
070 BD-09 4724 9.55 A0IV 4 late 2 S13 2010 Mar 19
2015 Mar 19 0
073 BD+54 2887 9.54 A0 11 late 3 N16 2012 May 21
2014 Dec 29 1
074 BD+38 3568 8.82 B8V AO late 18 N11 2007 May 29
2013 Jun 13 0
077 WISE J044231.14+383046.9 10.45 cdots New unclassified 6
N03 2006 Oct 25 2013 Mar 12 0
078 TYC 3975-1585-1 10.10 B8 12 late 3 N24 2012 Mar 23
2014 Dec 30 0
080 BD+44 3475 9.45 cdots New unclassified 3 N24
2012 Mar 23 2014 Dec 30 0
081 BD+57 21 7.52 B9V AO late 3 N16 2012 May 21
2014 Dec 29 0
082 BD+12 938 10.17 B3Ve ARCES early 9 S05 2010 Feb 28
2015 Apr 09 1
083 BD+13 976 9.99 A0 13 late 9 S05 2010 Feb 28
2015 Apr 09 0
084 MWC 683 8.98 B8Ve ARCES late 3 N16 2012 May 21
2014 Dec 29 0
085 NGC 457 198 8.85 B1.5Vpsh AO early 4 N16
2012 May 21 2014 Dec 29 0
086 TYC 3683-1262-1 9.84 B5Ve ARCES mid 4 N17 2012 Sep 17
2014 Dec 29 ?
088 MWC 10 6.84 B8Ve ARCES late 3 N16 2012 May 21
2014 Dec 29 0
089 TYC 4029-428-1 9.60 cdots New unclassified 3 N16
2012 May 21 2014 Dec 29 0

090 BD+66 64 8.59 B9 4 late 3 N16 2012 May 21 2014 Dec 29 0
094 MWC 671 8.85 B7Ve ARCES late 3 N16 2012 May 21 2014 Dec 29 0
095 BD+08 1343 8.91 A2 8 late 3 S05 2010 Feb 28 2015 Apr 09 0
096 BD+08 1366 8.51 B5Ve ARCES mid 3 S05 2010 Feb 28 2015 Apr 09 0
097 MWC 488 8.50 B6Ve ARCES mid 3 N04 2006 Oct 26 2014 Dec 31 0
098 BD+63 1955 7.22 B5V ARCES + AO mid 3 N16 2012 May 21 2014 Dec 29 1
099 BD+27 991 8.60 B6Vne: 14 mid 3 N04 2006 Oct 26 2014 Dec 31 0
102 TYC 2400-1784-1 10.40 cdots New unclassified 3 N04 2006 Oct 26 2014 Dec 31 0
105 BD+50 3189 8.65 B0II ARCES early 15 N24 2012 Mar 23 2014 Dec 30 6
107 TYC 3617-2074-1 10.11 cdots New unclassified 3 N24 2012 Mar 23 2014 Dec 30 0
108 BD+23 1295 8.63 cdots New unclassified 3 N04 2006 Oct 26 2014 Dec 31 0
109 BD+25 1244 9.73 A2 8 late 3 N04 2006 Oct 26 2014 Dec 31 0
111 AS 332 9.64 Be 15 unclassified 17 S13 2010 Mar 19 2015 Mar 19 0
113 BD+40 999 7.32 B8IV AO late 3 N03 2006 Oct 25 2013 Mar 12 0
128 HIP 91591 8.82 B8Ve 16 late 6 S13 2010 Mar 19 2015 Mar 19 0
129 GSC 05692-00540 10.45 B7 17 late 6 S13 2010 Mar 19 2015 Mar 19 0
130 GSC 05692-00399 10.51 B7 17 late 6 S13 2010 Mar 19 2015 Mar 19 0
131 BD-07 4647 9.64 B5 17 mid 6 S13 2010 Mar 19 2015 Mar 19 0
132 BD-07 4630 8.96 B9 17 late 6 S13 2010 Mar 19 2015 Mar 19 0
133 88 Her 6.91 B6IIInpsh AO mid 3 N23 2012 Feb 21 2014 Nov 30 0
134 WISE J182959.95-090837.6 10.76 cdots New unclassified 1 S13 2010 Mar 19 2015 Mar 19 0
138 V1448 Aql 7.57 B2 IV AO early 4 S14 2010 Apr 11 2014 Oct 23 6
139 BD+10 3849 7.58 B9Vpsh AO late 4 S14 2010 Apr 11 2014 Oct 23 0
140 HR 7807 6.23 B2Vne AO early 4 N11 2007 May 29 2013 Jun 13 0
141 BD+27 3970 9.00 B7Ve ARCES late 4 N12 2007 Jun 08 2013 Jun 14 0
144 BD+30 3853 7.12 B6Ve ARCES + AO mid 3 N11 2007 May 29 2013 Jun 13 0
146 BD+26 1082 7.13 B9IV 18 late 3 N04 2006 Oct 26 2014 Dec 31 0
147 BD+42 3425 8.48 B9Va AO late 2 N11 2007 May 29 2013 Jun 13 0
148 BD+21 4007 9.68 B8 9 late 3 N11 2007 May 29 2013 Jun 13 0
150 WISE J184125.48-053403.7 10.90 cdots New unclassified 3

S13 2010 Mar 19 2015 Mar 19 0
152 SS 120 10.73 B8e: 19 late 4 J06 2010 Mar 02
2015 May 06 0
154 TYC 1310-2084-1 9.97 B8 11 late 4 N04 2006 Oct 26
2014 Dec 31 6
155 TYC 3692-1671-1 10.61 B3Ve ARCES early 3 N17 2012 Sep 17
2014 Dec 29 0
156 BD+55 2992 8.34 A2 8 late 3 N16 2012 May 21
2014 Dec 29 0
158 AS 478 9.79 B6Ve ARCES mid 3 N24 2012 Mar 23
2014 Dec 30 0
159 MWC 1062 8.80 B5:e 20 mid 3 N24 2012 Mar 23
2014 Dec 30 0
160 V433 Cep 7.81 B2.5V AO early 3 N24 2012 Mar 23
2014 Dec 30 4
161 TYC 3968-1354-1 10.57 OB- 21 unclassified 3 N24
2012 Mar 23 2014 Dec 30 0
162 BD+27 981 9.96 B8 13 late 3 N04 2006 Oct 26
2014 Dec 31 1
163 BD+52 3293 8.10 A0 8 late 3 N16 2012 May 21
2014 Dec 29 0
164 MWC 386 7.70 B0Ve ARCES + AO early 3 N24 2012 Mar 23
2014 Dec 30 10
165 MWC 1059 8.68 B2Ve ARCES + AO early 3 N24
2012 Mar 23 2014 Dec 30 10
166 TYC 4812-2496-1 9.97 cdots New unclassified 3 S05
2010 Feb 28 2015 Apr 09 0
167 MWC 153 7.84 B1Ve 2 early 4 S05 2010 Feb 28
2015 Apr 09 4
168 V747 Mon 8.22 B3IIIe ARCES early 4 J06 2010 Mar 02
2015 May 06 0
169 BD+22 1147 8.00 B9 8 late 6 N04 2006 Oct 26
2014 Dec 31 0
170 HR 2116 6.40 B8VSB2 ARCES late 6 N04 2006 Oct 26
2014 Dec 31 0
171 TYC 1326-1188-1 10.26 A2 13 late 6 N04 2006 Oct 26
2014 Dec 31 0
173 TYC 1283-1360-1 10.62 cdots New unclassified 3 S05
2010 Feb 28 2015 Apr 09 0
176 BD+37 1093 9.22 B2Ve ARCES early 11 N04 2006 Oct 26
2014 Dec 31 ?
177 BD+38 1116 9.65 B2.5Vne AO early 11 N04 2006 Oct 26
2014 Dec 31 0
179 EM* RJHA 51 10.56 B5Ib 22 mid 2 S05 2010 Feb 28
2015 Apr 09 0
180 EM* RJHA 40 10.61 B3Ib 22 early 2 S05 2010 Feb 28
2015 Apr 09 0
182 TYC 2934-118-1 10.24 B7Ve ARCES late 8 N04 2006 Oct 26
2014 Dec 31 0
184 BD+32 1046 9.79 B1Ve ARCES early 9 N04 2006 Oct 26
2014 Dec 31 25
185 BD+24 1043 7.56 B8Ve ARCES late 3 N04 2006 Oct 26
2014 Dec 31 0
186 BD+01 1699 9.67 B2II ARCES early 3 J06 2010 Mar 02
2015 May 06 7
187 MWC 135 8.92 B1IIIe ARCES early 10 N04 2006 Oct 26
2014 Dec 31 ?
188 MWC 795 10.44 B8Ve ARCES late 10 N04 2006 Oct 26
2014 Dec 31 0

196 VES 860 10.84 B8 23 late 9 N04 2006 Oct 26
2014 Dec 31 0
204 WISE J185142.47+134817.6 10.70 cdots New unclassified 1
S13 2010 Mar 19 2015 Mar 19 0
205 BD+03 3861 7.88 B8 24 late 3 S13 2010 Mar 19
2015 Mar 19 0
A01 MWC 5 8.02 B0.5IVe AO early 3 N16 2012 May 21
2014 Dec 29 13
A02 MWC 6 7.52 B3:Vne 25 early 3 N16 2012 May 21
2014 Dec 29 3
A03 MWC 80 7.16 B1Ve ARCES + AO early 3 N17 2012 Sep 17
2014 Dec 29 13
A04 MWC 494 7.95 B0Ve ARCES early 3 N04 2006 Oct 26
2014 Dec 31 ?
A05 MWC 125 8.38 B0Ve ARCES early 3 N04 2006 Oct 26
2014 Dec 31 0
A07 MWC 799 7.47 B1IV:p? 26 early 3 N04 2006 Oct 26
2014 Dec 31 0
A09 MWC 149 7.78 B1Vnne 27 early 3 S05 2010 Feb 28
2015 Apr 09 ?
A11 MWC 828 7.88 B0.5Ve 2 early 3 J06 2010 Mar 02
2015 May 06 5
A12 MWC 541 8.04 B1.5IVe 2 early 3 J06 2010 Mar 02
2015 May 06 4
A15 MWC 549 8.70 B1Venp ARCES + AO early 3 J06 2010 Mar 02
2015 May 06 0
A16 AS 367 8.96 B3Ve 28 early 3 N11 2007 May 29
2013 Jun 13 4
A17 MWC 998 8.19 B6Ve AO mid 3 N11 2007 May 29
2013 Jun 13 0
A18 MWC 362 8.02 B5V AO mid 7 N24 2012 Mar 23
2014 Dec 30 0
A19 MWC 640 7.21 B1IIIe ARCES early 3 N12 2007 Jun 08
2013 Jun 14 0
A20 MWC 370 7.64 B1.5Vnpe AO early 3 N12 2007 Jun 08
2013 Jun 14 ?
A21 MWC 649 8.70 B3e 29 early 3 N24 2012 Mar 23
2014 Dec 30 0
A22 AS 483 9.63 B1.5V:nne: 26 early 3 N24 2012 Mar 23
2014 Dec 30 0
A24 MWC 752 7.53 B8Ve ARCES late 5 N04 2006 Oct 26
2014 Dec 31 0
A25 MWC 753 9.58 B6Ve ARCES mid 5 N04 2006 Oct 26
2014 Dec 31 0
A26 MWC 109 7.85 B1.0II/IIIe ARCES + AO early 4 N04
2006 Oct 26 2014 Dec 31 40
A27 EM* CDS 496 8.67 OB 30 unclassified 4 N04
2006 Oct 26 2014 Dec 31 0
A28 MWC 786 8.08 B2:V:nep 31 early 3 N04 2006 Oct 26
2014 Dec 31 ?
A29 MWC 127 7.58 B3Ve ARCES early 3 N04 2006 Oct 26
2014 Dec 31 6
A30 MWC 128 7.36 B2:Vnne 25 early 3 N04 2006 Oct 26
2014 Dec 31 ?
A31 MWC 129 7.69 B2Ve ARCES early 3 N04 2006 Oct 26
2014 Dec 31 ?
A32 IGR J06074+2205 10.19 B0.5Ve 32 early 3 N04 2006 Oct 26
2014 Dec 31 3
A34 AS 118 7.64 B1IIIe ARCES early 3 N04 2006 Oct 26

2014 Dec 31 8
Q01 MWC 1016 7.09 B0.2III AO early 4 N11 2007 May 29
2013 Jun 13 0
Q02 Hen 3-1880 9.39 B8 19 late 4 N11 2007 May 29
2013 Jun 13 0
Q03 BD+36 4032 7.57 O8.5III 33 early 4 N11 2007 May 29
2013 Jun 13 0
Q05 BD+00 1516 9.32 B9 34 late 7 S05 2010 Feb 28
2015 Apr 09 0
Q07 VES 95 10.53 B7IIIn 35 late 3 N11 2007 May 29
2013 Jun 13 0
Q08 BD+21 4017 9.48 B0 36 early 3 N11 2007 May 29
2013 Jun 13 0
Q09 MWC 1120 7.47 O6.5nfp 37 early 3 N16 2012 May 21
2014 Dec 29 0
Q11 MWC 670 9.52 B9 20 late 13 N16 2012 May 21
2014 Dec 29 0
Q13 EM* CDS 144 10.50 B 21 unclassified 4 N17
2012 Sep 17 2014 Dec 29 0
Q14 EM* CDS 427 10.15 B8 9 late 3 N03 2006 Oct 25
2013 Mar 12 0
Q15 MWC 475 8.25 B3V AO early 3 N03 2006 Oct 25
2013 Mar 12 0
Q16 EM* CDS 468 8.97 B1V AO early 9 N04 2006 Oct 26
2014 Dec 31 0
Q17 SS 20 7.75 B5III AO mid 7 N03 2006 Oct 25
2013 Mar 12 2
Q18 AS 128 9.61 B5 34 mid 12 S05 2010 Feb 28
2015 Apr 09 0
Q20 EM* CDS 487 6.63 O7.5(f)II AO early 5 N04
2006 Oct 26 2014 Dec 31 0
Q23 EM* CDS 1299 10.24 OB-e: 30 unclassified 3 N24
2012 Mar 23 2014 Dec 30 0

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