

Station	Event location			Magnitude	Phase	Back- Incid.	Splitting parameters												
	Channel	Origin Time	Latitude[°]				Longitude[°]	Depth [km]	Epicentr. distance [°]	azimuth [°]	angle [°]	splitting time $\delta t$ [s]	Fast S orientation $\Psi$ [°]	$\theta$ [°]	$\phi$ [°]	Quality			
	YYMMDD_HHMM									measured bootstrap	measured bootstrap								
										$\delta t$ [s]	$i$ std[s]	$\Psi$ [°]	$i$ std[°]						
BFO	BH	080509_2151	12.53	143.26	89	6.1	SKSac	107.4	46.4	7.3	1.58	1.67	0.53	174.3	174.1	2.4	82.8	232.2	p
BG03	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.0	298.4	10.2	null	-	-	-	-	-	-	-	f
BG03	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	101.2	245.4	8.0	0.56	0.57	0.06	127.3	128.1	7.0	85.1	118.4	g
BG03	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	124.4	50.6	5.4	1.41	2.03	0.68	163.8	121.5	40.8	84.9	246.9	p
BG03	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	100.5	241.6	8.0	0.73	0.93	0.62	133.4	130.0	15.0	84.5	108.5	f
BG03	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	86.2	291.5	10.5	0.74	1.08	0.77	162.8	149.9	28.9	80.0	129.0	f
BRG	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.6	300.7	9.8	null	-	-	-	-	-	-	-	f
BRG	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.1	247.6	7.8	1.18	1.19	0.07	146.1	146.0	2.7	83.6	101.8	g
BRG	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.7	53.6	5.6	0.79	0.79	0.06	127.7	127.6	2.6	86.6	286.1	g
BRG	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	102.3	243.8	7.8	1.03	1.04	0.05	139.2	139.2	1.5	84.1	104.9	g
BRG	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.2	45.3	8.8	0.97	0.98	0.06	119.3	119.3	2.8	85.7	286.3	g
BRG	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.9	293.8	10.3	1.55	1.66	0.26	83.9	84.8	9.1	88.9	29.8	f
BRG	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.0	263.7	9.1	1.10	1.09	0.10	145.1	144.7	2.3	82.5	118.9	g
BRG	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.4	69.5	7.9	null	-	-	-	-	-	-	-	f
BRG	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.9	273.3	10.2	0.97	1.00	0.08	135.3	136.2	6.1	82.8	138.5	f
BRG	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.6	46.5	9.1	1.16	1.20	0.10	114.7	114.9	3.6	86.2	292.1	f
BRG	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.6	29.2	9.0	1.23	1.24	0.21	97.8	98.0	1.2	88.8	291.5	f
BRG	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.5	45.8	8.5	2.32	2.36	0.22	104.9	105.8	2.2	87.8	301.1	f
BRG	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.9	269.9	9.4	0.89	0.89	0.03	143.4	143.4	1.5	82.4	126.8	g
BRG	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.4	294.2	10.2	null	-	-	-	-	-	-	-	g
BSEG	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	87.1	297.8	10.3	null	-	-	-	-	-	-	-	f
BSEG	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.3	245.6	7.9	0.59	0.64	0.26	107.1	114.9	16.8	87.7	138.7	f
BSEG	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.5	48.3	5.6	0.48	0.61	0.14	128.0	132.9	19.6	86.6	280.5	f
BSEG	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.8	241.7	7.9	0.35	0.43	0.05	139.3	136.9	15.1	84.0	102.7	f
BSEG	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.6	42.0	9.0	0.67	0.70	0.08	119.5	119.5	4.1	85.6	282.8	f
BSEG	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	84.6	290.8	10.9	0.77	0.86	0.09	100.2	99.7	1.3	88.1	190.8	f
BSEG	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	93.2	261.0	9.3	0.83	0.91	0.16	149.3	148.9	9.6	82.0	112.1	f
BSEG	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.3	65.8	7.8	null	-	-	-	-	-	-	-	f
BSEG	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	86.5	270.3	10.5	null	-	-	-	-	-	-	-	f
BSEG	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.0	43.4	9.2	0.81	0.95	0.30	103.3	102.7	4.1	87.9	300.3	p
BSEG	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	150.7	20.2	9.1	0.61	0.67	0.17	161.0	160.6	7.9	81.4	219.5	f
BSEG	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.8	42.4	8.6	2.03	2.54	0.65	168.1	149.3	32.0	81.6	234.5	p
BSEG	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	90.8	267.1	9.8	0.82	0.81	0.02	128.9	129.3	1.3	83.9	138.6	g
BSEG	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	85.2	291.2	10.7	1.10	1.32	0.55	96.7	95.7	3.0	88.8	194.6	p
BSEG	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.7	47.1	7.9	1.74	1.73	0.17	168.4	168.9	1.1	82.2	238.8	p
BUG	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	86.6	295.6	10.5	2.23	2.29	0.38	10.8	11.7	9.4	79.7	104.6	p
BUG	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	99.5	242.9	8.3	null	-	-	-	-	-	-	-	f
BUG	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	125.6	46.3	5.3	1.62	1.60	0.08	113.1	113.3	2.7	87.9	293.3	f
BUG	BH	070130_2137	21.17	144.76	52	6.3	SKSac	98.7	39.6	8.5	1.32	1.37	0.18	110.4	110.5	2.7	87.0	289.4	f
BUG	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	84.7	268.1	10.9	null	-	-	-	-	-	-	-	f
BUG	BH	070928_1338	22.01	142.71	254	6.7	SKSac	97.1	41.0	8.6	1.92	2.00	0.19	104.9	104.5	2.0	87.8	296.3	p
BUG	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.7	15.9	9.0	null	-	-	-	-	-	-	-	f
BUG	BH	071031_0330	18.96	145.38	222	6.1	SKSac	100.9	40.1	8.2	null	-	-	-	-	-	-	-	f
BUG	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	88.7	264.7	10.1	null	-	-	-	-	-	-	-	f
BUG	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	84.3	289.1	10.9	null	-	-	-	-	-	-	-	f
BUG	BH	080509_2151	12.53	143.26	89	6.1	SKSac	105.8	44.8	7.5	0.91	0.91	0.05	119.5	118.9	3.3	86.3	285.5	g
CLL	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.8	300.0	10.0	null	-	-	-	-	-	-	-	g
CLL	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.7	247.0	7.9	0.88	0.88	0.07	166.0	165.7	1.4	82.4	81.2	f

CLL	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.9	52.4	5.6	null	-	-	-	-	-	-	-	f
CLL	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	102.0	243.2	7.9	0.80	0.81	0.09	160.1	160.0	3.0	82.6	83.3	f
CLL	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.4	44.5	8.8	0.75	0.80	0.26	164.2	162.6	7.0	81.5	240.4	f
CLL	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.1	293.0	10.3	null	-	-	-	-	-	-	-	g
CLL	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.5	263.0	9.1	0.99	1.00	0.13	106.6	106.6	2.1	87.4	156.6	f
CLL	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.8	68.7	7.9	null	-	-	-	-	-	-	-	f
CLL	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.2	272.6	10.2	null	-	-	-	-	-	-	-	f
CLL	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.7	45.8	9.1	1.17	1.21	0.24	103.9	104.9	5.1	87.8	302.0	f
CLL	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.5	27.1	9.0	0.79	0.80	0.08	105.7	105.8	2.3	87.6	281.6	f
CLL	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.6	45.0	8.5	1.15	1.15	0.16	105.9	106.0	2.3	87.7	299.3	f
CLL	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.3	269.2	9.4	null	-	-	-	-	-	-	-	f
CLL	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	87.7	293.5	10.3	1.84	2.42	0.58	176.3	144.5	44.4	79.7	117.2	p
CRVS	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	95.7	306.5	9.0	null	-	-	-	-	-	-	-	f
CRVS	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	107.0	252.4	7.4	2.14	2.16	0.12	119.2	118.9	2.2	86.4	133.4	p
CRVS	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	119.7	61.9	5.9	1.36	1.32	0.09	136.7	136.7	2.2	85.7	285.4	f
CRVS	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	106.0	248.6	7.4	1.64	1.64	0.07	133.1	133.2	1.9	85.0	115.7	f
CRVS	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	93.1	299.5	9.3	null	-	-	-	-	-	-	-	g
CRVS	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	99.7	269.1	8.3	1.58	1.61	0.18	131.1	131.1	3.8	84.5	138.3	f
CRVS	BH	070726_0540	2.89	127.57	40	6.3	SKSac	98.4	75.9	8.5	1.23	1.32	0.12	148.4	147.9	6.0	82.8	287.8	f
CRVS	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	93.9	279.0	9.3	1.58	1.59	0.07	132.4	132.4	2.7	83.7	147.0	f
CRVS	BH	070928_1338	22.01	142.71	254	6.7	SKSac	92.2	52.6	9.4	0.68	0.69	0.07	124.0	123.9	6.5	84.8	288.9	g
CRVS	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.2	44.5	9.1	3.00	2.99	0.11	87.1	96.3	30.3	89.5	137.3	p
CRVS	BH	071031_0330	18.96	145.38	222	6.1	SKSac	96.1	52.2	8.7	1.27	1.24	0.30	109.1	112.4	8.1	87.1	303.3	p
CRVS	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	97.8	275.4	8.6	1.61	1.61	0.07	139.6	139.8	1.7	83.4	136.2	f
CRVS	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	93.6	299.9	9.3	2.00	2.41	0.43	170.8	119.6	42.4	80.8	129.3	p
DPC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.1	302.5	9.4	null	-	-	-	-	-	-	-	f
DPC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	104.3	249.2	7.6	1.19	1.20	0.00	141.4	141.8	0.6	84.0	108.1	g
DPC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.8	56.3	5.7	1.14	1.17	0.08	134.1	134.0	5.1	86.1	282.3	f
DPC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.5	245.4	7.6	1.47	1.49	0.05	130.6	130.7	1.6	85.0	115.0	g
DPC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.5	47.3	9.0	1.19	1.19	0.06	119.2	119.0	1.5	85.6	288.4	g
DPC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.5	295.6	10.0	null	-	-	-	-	-	-	-	g
DPC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	96.5	265.4	8.8	1.28	1.28	0.04	146.1	146.2	1.0	82.7	119.6	g
DPC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.2	71.6	8.1	1.61	1.66	0.12	163.2	163.4	1.9	82.3	268.5	f
DPC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.4	275.1	9.8	1.30	1.27	0.21	107.6	109.3	4.5	87.0	167.8	f
DPC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.8	48.5	9.2	1.35	1.38	0.14	112.0	111.9	2.7	86.6	296.7	g
DPC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.2	34.1	9.0	null	-	-	-	-	-	-	-	f
DPC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.7	47.9	8.6	1.49	1.50	0.06	116.4	115.9	1.0	86.2	291.7	g
DPC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.4	271.7	9.1	1.26	1.28	0.09	153.2	153.2	2.1	81.9	118.8	g
DPC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.0	296.0	9.8	null	-	-	-	-	-	-	-	g
DPC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.1	53.0	7.9	1.39	1.40	0.10	118.9	118.5	3.2	86.2	294.3	g
FRAU	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.8	299.5	10.0	null	-	-	-	-	-	-	-	f
FRAU	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.1	246.4	7.9	1.23	1.25	0.09	161.4	161.4	1.8	82.5	85.2	g
FRAU	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.3	242.6	7.9	1.17	1.17	0.22	159.3	158.4	7.5	82.6	83.5	g
FUR	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.4	298.7	9.8	0.67	0.69	0.06	42.3	41.7	6.6	82.8	75.9	g
FUR	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	100.4	245.2	8.2	1.39	1.39	0.10	12.5	12.6	1.0	82.0	52.6	f
FUR	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	125.7	52.4	5.3	0.56	1.75	1.13	122.5	103.9	19.4	87.2	290.0	f
FUR	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	99.5	241.5	8.2	null	-	-	-	-	-	-	-	f
FUR	BH	070130_2137	21.17	144.76	52	6.3	SKSac	99.4	43.3	8.4	1.03	1.04	0.07	149.7	149.6	1.3	82.8	253.9	g
FUR	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.3	291.9	10.3	0.89	0.91	0.06	38.0	37.9	2.3	81.9	73.4	g
FUR	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	92.9	261.5	9.4	1.16	1.18	0.14	31.0	30.9	2.6	81.9	50.1	f
FUR	BH	070726_0540	2.89	127.57	40	6.3	SKSac	105.0	68.0	7.5	null	-	-	-	-	-	-	-	f
FUR	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	87.2	271.4	10.4	2.49	2.55	0.42	17.9	18.2	2.3	80.1	73.2	p
FUR	BH	070928_1338	22.01	142.71	254	6.7	SKSac	97.7	44.6	8.6	0.91	0.93	0.06	140.5	140.4	2.9	83.4	264.4	g
FUR	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	155.8	26.7	8.9	0.95	0.98	0.04	142.8	143.1	1.8	83.0	244.2	g

FUR	BH	071031_0330	18.96	145.38	222	6.1	SKSac	101.6	43.9	8.0	1.71	2.05	0.65	163.5	159.6	18.4	82.3	240.6	p
FUR	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	91.1	267.7	9.6	0.98	0.99	0.12	38.2	38.8	3.7	82.5	49.2	g
FUR	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	87.9	292.3	10.3	1.01	1.02	0.07	37.3	37.5	4.4	81.8	74.5	g
FUR	BH	080509_2151	12.53	143.26	89	6.1	SKSac	106.1	49.1	7.4	1.19	1.27	0.26	161.1	161.3	5.6	83.0	248.1	f
GKP	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.0	303.3	9.6	null	-	-	-	-	-	-	-	g
GKP	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	105.8	250.6	7.5	null	-	-	-	-	-	-	-	f
GKP	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	119.7	55.8	5.9	0.95	0.97	0.08	121.1	120.5	2.7	87.0	294.8	f
GKP	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	105.2	246.7	7.4	0.41	1.70	1.26	134.9	112.5	27.4	84.8	112.0	f
GKP	BH	070130_2137	21.17	144.76	52	6.3	SKSac	93.1	47.8	9.3	1.26	1.85	0.79	97.9	83.1	34.2	88.7	310.0	p
GKP	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.7	296.3	10.1	0.40	1.49	1.16	129.5	116.9	33.7	83.6	167.2	f
GKP	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.2	266.5	8.6	0.90	1.61	0.89	164.7	145.7	43.9	81.7	102.0	p
GKP	BH	070726_0540	2.89	127.57	40	6.3	SKSac	99.7	71.8	8.4	null	-	-	-	-	-	-	-	f
GKP	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.7	275.9	9.8	null	-	-	-	-	-	-	-	f
GKP	BH	070928_1338	22.01	142.71	254	6.7	SKSac	91.5	49.1	9.6	1.91	2.30	0.52	6.9	27.5	37.2	80.5	222.1	p
GKP	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	149.5	32.7	9.2	null	-	-	-	-	-	-	-	g
GKP	BH	071031_0330	18.96	145.38	222	6.1	SKSac	95.3	48.4	8.9	null	-	-	-	-	-	-	-	f
GKP	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.9	272.6	9.1	null	-	-	-	-	-	-	-	f
GKP	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.2	296.7	10.0	0.50	0.59	0.14	136.4	135.3	14.3	82.8	160.8	f
GKP	BH	080509_2151	12.53	143.26	89	6.1	SKSac	99.9	53.3	8.3	1.01	1.13	0.40	113.1	113.5	8.1	86.7	300.4	f
HSKC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.7	44.9	8.8	1.04	1.05	0.05	126.4	126.6	1.9	84.8	278.8	g
HSKC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.7	293.4	10.3	2.59	2.70	0.12	85.6	85.7	0.8	89.2	27.7	p
HSKC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.6	263.2	9.1	1.24	1.24	0.15	135.9	136.0	4.3	83.5	127.7	f
HSKC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.8	69.2	7.9	1.73	1.77	0.18	159.8	160.2	3.1	82.6	269.6	f
HSKC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.6	272.9	10.2	0.97	1.04	0.13	132.3	132.4	6.9	83.2	141.1	f
HSKC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.0	46.1	8.9	1.19	1.21	0.11	124.9	124.5	4.4	84.9	281.6	g
HSKC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.0	28.5	9.0	0.99	1.01	0.09	108.8	109.0	2.8	87.1	279.9	g
HSKC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.9	45.4	8.5	1.11	1.13	0.06	129.0	128.7	4.2	84.7	276.7	g
HSKC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.6	269.5	9.4	1.05	1.06	0.18	141.7	141.8	6.6	82.6	128.1	g
HSKC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.2	293.8	10.2	null	-	-	-	-	-	-	-	g
HSKC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.4	50.4	7.8	1.03	1.07	0.11	131.0	130.6	5.2	84.9	279.7	g
JAC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.2	299.9	9.8	1.11	1.21	0.38	75.7	75.3	4.8	87.6	44.0	f
JAC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.3	246.8	7.9	3.00	2.89	0.24	89.9	90.4	1.2	90.0	336.9	p
JAC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.5	52.8	5.5	1.53	1.61	0.13	122.9	123.5	2.9	87.0	290.1	p
JAC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.1	44.5	8.7	1.42	1.42	0.06	124.4	123.6	1.6	85.1	280.4	g
JAC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.5	293.0	10.3	1.09	1.08	0.07	78.4	77.9	0.9	87.9	34.4	f
JAC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.3	262.8	9.1	1.10	1.13	0.18	139.4	139.3	4.5	83.1	123.8	f
JAC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.2	68.8	7.8	1.25	1.36	0.15	147.3	148.7	4.0	83.4	281.7	f
JAC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.2	272.5	10.2	null	-	-	-	-	-	-	-	f
JAC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.4	45.7	8.9	1.36	1.38	0.07	124.8	124.3	2.2	84.9	281.3	g
JAC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.3	27.8	9.0	1.03	1.07	0.14	110.1	110.3	4.5	86.9	277.9	f
JAC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.3	45.0	8.3	1.07	1.09	0.15	132.4	131.7	5.7	84.4	272.9	f
JAC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.2	269.1	9.4	1.22	1.28	0.17	160.3	160.4	3.8	81.1	109.0	f
JAC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.0	293.4	10.2	1.79	1.87	0.16	79.8	80.0	1.0	88.2	33.5	p
JAC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.8	50.0	7.8	1.34	1.54	0.32	106.5	105.4	5.6	87.8	303.7	f
JAVC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.7	303.5	9.3	null	-	-	-	-	-	-	-	g
JAVC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	104.6	249.8	7.6	1.28	1.30	0.07	127.7	127.9	1.8	85.3	122.3	g
JAVC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.8	58.4	5.7	0.54	0.73	0.53	133.1	132.6	14.6	86.1	285.4	f
JAVC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.7	246.0	7.6	1.32	1.31	0.04	126.8	126.5	2.2	85.4	119.4	g
JAVC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.9	48.5	9.0	1.08	1.08	0.06	111.6	111.8	1.6	86.7	297.1	g
JAVC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.9	296.6	9.8	null	-	-	-	-	-	-	-	g
JAVC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.2	266.3	8.6	1.26	1.26	0.07	147.4	147.1	1.7	82.8	119.2	g
JAVC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	100.8	72.9	8.2	1.57	1.86	0.45	165.2	167.0	4.5	82.1	267.9	p
JAVC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	91.4	276.2	9.6	1.27	1.31	0.14	140.1	142.2	4.7	82.6	136.5	g
JAVC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.1	49.6	9.1	1.20	1.19	0.04	110.3	110.5	1.0	86.9	299.6	g

JAVC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.9	38.1	9.0	null	-	-	-	-	-	-	f	
JAVC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.0	49.1	8.5	1.40	1.41	0.15	114.2	114.5	3.1	86.5	295.2	g
JAVC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.4	272.6	8.9	1.36	1.36	0.09	149.7	149.5	2.0	82.3	123.2	g
JAVC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	91.5	297.0	9.6	null	-	-	-	-	-	-	-	g
JAVC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.3	54.4	7.9	1.23	1.24	0.10	109.4	109.2	1.6	87.4	305.1	g
KHC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.2	300.4	9.6	0.60	0.60	0.01	35.8	36.2	2.1	82.2	84.2	g
KHC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.2	247.0	7.9	1.27	1.27	0.11	148.4	148.7	3.0	83.3	98.9	g
KHC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.9	54.2	5.5	0.63	0.69	0.03	134.1	134.5	5.4	86.2	280.2	g
KHC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.3	243.2	7.9	1.53	1.53	0.06	135.0	135.2	1.1	84.4	108.5	f
KHC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.6	45.1	8.7	1.37	1.38	0.04	127.3	127.2	1.0	84.8	278.1	g
KHC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.3	293.6	10.1	0.41	0.41	0.03	50.0	52.7	7.3	83.5	63.1	f
KHC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.6	263.2	9.1	1.17	1.21	0.22	152.3	152.0	7.5	82.0	111.2	f
KHC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.2	69.6	7.8	null	-	-	-	-	-	-	-	f
KHC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.7	273.1	10.2	null	-	-	-	-	-	-	-	g
KHC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	96.0	46.4	8.9	1.22	1.20	0.00	126.5	126.0	0.0	84.7	280.2	g
KHC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	154.2	30.3	8.9	0.74	0.78	0.11	122.9	122.9	6.5	85.2	267.7	g
KHC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.8	45.7	8.3	1.40	1.70	0.35	104.0	102.7	5.2	88.0	301.9	f
KHC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.7	269.5	9.4	null	-	-	-	-	-	-	-	f
KHC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.9	294.0	10.2	0.94	0.95	0.19	76.7	76.3	2.5	87.7	37.1	f
KHC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.3	50.9	7.6	1.06	1.05	0.06	136.8	137.0	2.9	84.4	274.3	g
KOLS	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	98.4	276.1	8.5	1.86	1.87	0.15	156.4	156.2	2.3	82.2	119.9	f
KOLS	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	94.1	300.6	9.1	0.34	0.38	0.06	35.0	38.0	13.0	82.5	85.2	f
KRUC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.9	302.6	9.4	null	-	-	-	-	-	-	-	f
KRUC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.9	249.0	7.8	1.33	1.32	0.09	111.5	111.5	1.5	87.2	137.6	g
KRUC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.4	57.0	5.6	0.60	0.65	0.09	114.9	114.5	4.4	87.7	302.2	f
KRUC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.0	245.1	7.8	1.58	1.59	0.11	108.7	109.0	1.8	87.5	136.6	f
KRUC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.3	47.4	8.8	1.21	1.22	0.07	103.7	103.5	0.9	87.9	303.9	g
KRUC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.1	295.7	9.8	0.56	0.64	0.16	159.2	159.7	6.9	80.9	136.8	f
KRUC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	96.4	265.3	8.8	0.86	0.87	0.10	115.0	116.2	3.6	86.3	150.6	f
KRUC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.5	71.9	8.1	null	-	-	-	-	-	-	-	f
KRUC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.6	275.2	9.8	0.87	0.94	0.14	138.7	140.8	8.2	82.6	136.9	f
KRUC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.6	48.6	9.1	1.00	1.02	0.06	107.7	107.6	1.2	87.3	301.1	g
KRUC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.2	35.6	9.0	null	-	-	-	-	-	-	-	g
KRUC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.5	48.1	8.5	0.78	0.87	0.23	106.6	106.2	6.2	87.6	301.6	f
KRUC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.5	271.6	9.1	0.95	0.96	0.08	120.4	120.9	4.4	85.4	151.5	g
KRUC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.6	296.1	9.8	0.68	1.56	1.14	164.6	133.5	33.4	80.6	131.7	p
KRUC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.9	53.3	7.9	0.83	1.17	0.55	111.5	116.8	20.4	87.1	302.0	p
KSP	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.8	302.5	9.6	null	-	-	-	-	-	-	-	g
KSP	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	104.4	249.3	7.6	0.73	0.78	0.09	132.9	130.5	8.6	84.8	116.7	g
KSP	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.5	56.0	5.7	0.78	2.17	0.91	154.5	134.6	33.1	84.9	261.6	p
KSP	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.7	245.5	7.6	0.99	1.44	0.80	125.4	118.1	18.9	85.6	120.3	f
KSP	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.2	47.2	9.0	0.54	0.76	0.18	129.0	136.2	19.9	84.4	278.5	f
KSP	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.2	295.6	10.0	null	-	-	-	-	-	-	-	g
KSP	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	96.5	265.5	8.8	0.71	0.70	0.07	156.3	156.1	3.3	82.0	109.4	f
KSP	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.0	71.5	8.1	1.43	1.67	0.46	159.1	158.2	7.3	82.5	272.6	f
KSP	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.3	275.1	9.8	0.51	0.56	0.06	132.0	130.9	10.1	83.5	143.6	f
KSP	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.5	48.4	9.2	1.15	1.21	0.09	109.4	108.8	2.5	87.0	299.3	g
KSP	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.8	33.5	9.1	null	-	-	-	-	-	-	-	f
KSP	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.4	47.8	8.6	0.94	0.97	0.05	119.9	118.9	3.5	85.7	288.2	g
KSP	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.4	271.7	9.1	null	-	-	-	-	-	-	-	f
KSP	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.8	296.0	10.0	0.96	1.05	0.14	84.7	85.0	1.0	89.1	31.2	p
KSP	BH	080509_2151	12.53	143.26	89	6.1	SKSac	101.9	52.9	8.1	1.43	1.44	0.07	117.2	117.4	1.4	86.3	295.9	g
KWP	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	95.9	307.6	9.0	0.86	1.94	0.95	158.2	112.9	65.6	81.7	149.6	p
KWP	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	108.0	253.5	7.2	1.28	1.32	0.12	120.1	120.7	4.3	86.4	133.6	g

KWP	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	118.6	62.7	6.0	0.79	0.91	0.30	98.3	98.5	2.6	89.1	324.5	f
KWP	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	107.0	249.6	7.3	0.98	1.46	0.73	129.1	125.0	20.1	85.4	120.8	p
KWP	BH	070130_2137	21.17	144.76	52	6.3	SKSac	92.8	52.4	9.4	null	-	-	-	-	-	-	-	g
KWP	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	93.4	300.5	9.3	1.27	1.28	0.07	160.4	160.1	1.2	81.3	140.4	f
KWP	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	100.5	270.2	8.2	1.78	1.81	0.09	123.8	124.1	5.3	85.5	146.6	p
KWP	BH	070726_0540	2.89	127.57	40	6.3	SKSac	97.4	76.8	8.7	1.77	1.86	0.56	99.6	99.7	3.1	88.6	337.3	p
KWP	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	94.6	280.0	9.1	1.77	1.77	0.05	134.1	135.1	2.0	83.7	146.3	g
KWP	BH	070928_1338	22.01	142.71	254	6.7	SKSac	91.1	53.5	9.6	null	-	-	-	-	-	-	-	g
KWP	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	150.1	45.5	9.1	1.26	1.29	0.11	45.9	47.2	6.3	83.6	179.3	p
KWP	BH	071031_0330	18.96	145.38	222	6.1	SKSac	95.0	53.1	9.1	1.45	1.59	0.36	86.3	85.9	1.5	89.4	146.8	p
KWP	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	98.6	276.5	8.5	1.68	1.69	0.03	133.4	133.7	1.1	84.2	143.4	g
KWP	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	94.0	301.0	9.3	1.75	1.83	0.13	155.6	155.3	2.5	81.5	145.6	f
KWP	BH	080509_2151	12.53	143.26	89	6.1	SKSac	99.1	58.4	8.3	0.46	1.45	1.00	17.8	46.2	53.6	82.1	220.4	p
MODS	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.1	272.2	8.9	0.58	0.58	0.11	153.0	151.0	7.8	82.0	119.5	f
MORC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.1	303.5	9.3	null	-	-	-	-	-	-	-	g
MORC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.4	296.5	9.8	0.76	0.81	0.16	167.6	167.4	2.7	80.4	129.1	p
MORC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.6	49.5	9.2	0.49	0.58	0.14	117.7	119.4	12.9	85.7	292.1	f
MOX	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	101.6	245.9	8.0	1.08	1.14	0.25	167.7	167.8	3.8	82.2	78.3	f
MOX	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	124.0	51.4	5.4	0.71	0.74	0.05	140.6	141.8	3.7	85.9	270.9	g
MOX	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	100.9	242.1	8.0	1.44	2.23	0.85	164.4	119.7	38.6	82.3	77.8	p
MOX	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.4	43.4	8.7	0.84	0.86	0.05	152.7	152.8	2.0	82.3	250.9	g
MOX	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	86.6	292.0	10.5	null	-	-	-	-	-	-	-	g
MOX	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	93.5	261.9	9.3	0.57	0.71	0.15	129.0	128.8	17.5	84.2	133.2	f
MOX	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.9	67.7	7.8	null	-	-	-	-	-	-	-	f
MOX	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	87.4	271.5	10.4	null	-	-	-	-	-	-	-	g
MOX	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.8	44.7	8.9	1.03	1.04	0.05	140.2	140.5	3.0	83.2	264.8	g
MOX	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.4	25.1	9.0	0.54	0.65	0.28	146.3	145.2	14.9	82.5	239.1	f
MOX	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.7	43.9	8.3	0.96	1.18	0.26	127.7	126.6	15.8	84.9	276.5	f
MOX	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	91.4	268.1	9.6	null	-	-	-	-	-	-	-	f
MOX	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	87.1	292.4	10.3	null	-	-	-	-	-	-	-	g
MOX	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.3	48.9	7.6	1.00	1.02	0.05	144.8	144.9	3.6	83.8	264.3	g
MTSE	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	113.6	59.9	6.5	0.38	2.46	0.94	165.0	102.6	32.7	83.7	255.0	p
MTSE	BH	070130_2137	21.17	144.76	52	6.3	SKSac	86.8	53.3	10.5	null	-	-	-	-	-	-	-	g
MTSE	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.3	301.6	10.0	0.58	1.44	1.04	63.0	66.1	15.9	85.5	58.3	p
MTSE	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	101.0	272.8	8.2	null	-	-	-	-	-	-	-	g
MTSE	BH	070726_0540	2.89	127.57	40	6.3	SKSac	94.7	76.7	9.1	null	-	-	-	-	-	-	-	f
MTSE	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	93.5	281.6	9.3	null	-	-	-	-	-	-	-	g
MTSE	BH	070928_1338	22.01	142.71	254	6.7	SKSac	85.2	54.6	10.6	3.00	2.96	0.13	92.3	92.1	2.5	89.6	322.4	p
MTSE	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	142.9	38.0	9.6	0.60	2.18	0.91	164.9	120.0	51.9	80.7	233.3	p
MTSE	BH	071031_0330	18.96	145.38	222	6.1	SKSac	89.0	53.8	9.9	0.63	0.85	0.36	75.3	72.5	15.3	87.5	158.2	f
MTSE	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	98.0	278.7	8.5	null	-	-	-	-	-	-	-	g
MTSE	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.8	302.1	10.0	0.56	0.57	0.07	35.0	34.0	4.0	81.8	86.7	f
MTSE	BH	080509_2151	12.53	143.26	89	6.1	SKSac	93.8	58.5	9.3	0.81	0.79	0.14	9.4	9.6	2.1	80.8	228.9	f
NKC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.0	299.5	9.8	1.38	1.60	0.37	77.3	77.9	3.9	87.9	42.1	f
NKC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	101.9	246.4	8.0	1.62	1.61	0.14	168.5	168.2	1.4	82.1	78.0	f
NKC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.2	242.6	7.9	0.76	1.67	1.05	150.1	126.2	32.0	83.1	92.7	f
NKC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.4	44.1	8.7	1.23	1.24	0.05	123.7	123.7	1.6	85.2	280.7	g
NKC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.2	292.7	10.3	1.50	1.56	0.08	77.6	78.1	1.2	87.8	34.9	f
NKC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.5	68.4	7.8	2.22	2.39	0.34	102.2	101.7	1.9	88.4	326.4	p
NKC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	87.9	272.2	10.4	null	-	-	-	-	-	-	-	f
NKC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.7	45.4	8.9	1.64	1.65	0.05	120.3	120.5	1.8	85.5	285.4	g
NKC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.6	27.0	9.0	0.88	0.92	0.11	121.9	121.8	6.0	85.3	265.4	g
NKC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.6	44.6	8.3	1.73	1.71	0.19	115.1	115.4	2.3	86.5	289.8	g
NKC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	91.9	268.7	9.6	0.54	0.57	0.06	139.0	139.2	8.6	82.8	130.1	f

NKC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	87.8	293.1	10.3	1.61	2.04	0.55	83.0	89.1	21.3	88.7	30.0	p
NKC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.2	49.7	7.6	1.53	1.53	0.07	116.0	115.6	1.7	86.7	293.9	g
OJC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	94.0	305.3	9.1	null	-	-	-	-	-	-	-	f
OJC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	106.3	251.6	7.4	1.54	1.53	0.13	116.2	116.5	2.5	86.8	135.6	g
OJC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	120.0	59.7	5.9	2.07	2.33	0.26	99.7	100.6	1.5	89.0	320.1	p
OJC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	105.5	247.8	7.4	1.25	1.28	0.06	124.5	124.1	2.8	85.8	123.5	f
OJC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	93.9	50.1	9.3	0.51	0.79	0.70	159.3	149.1	23.4	81.3	251.0	f
OJC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.5	298.3	9.6	1.70	1.70	0.00	165.4	166.0	0.0	80.7	133.1	g
OJC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	98.7	268.1	8.5	1.35	1.35	0.05	134.1	133.9	2.1	84.1	134.3	g
OJC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	99.1	74.4	8.4	0.75	0.93	0.25	148.8	145.9	15.0	82.9	285.9	f
OJC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	92.6	277.8	9.5	1.35	1.38	0.14	146.5	147.0	5.3	82.1	131.7	g
OJC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	92.2	51.2	9.4	1.35	1.38	0.18	173.2	173.3	1.0	80.7	238.1	p
OJC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.0	40.2	9.1	null	-	-	-	-	-	-	-	f
OJC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	96.1	50.7	8.7	0.69	0.79	0.19	149.2	149.4	10.8	82.5	261.8	f
OJC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	96.7	274.3	8.8	1.28	1.29	0.08	145.0	145.2	2.8	82.8	129.7	g
OJC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	92.0	298.7	9.4	1.73	2.38	0.66	172.0	131.2	42.5	80.7	126.8	p
OJC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	100.4	55.9	8.2	0.69	1.08	0.58	103.9	112.5	23.5	88.0	312.2	p
OKC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.4	303.9	9.3	1.51	1.51	0.06	165.7	165.9	0.6	81.0	138.4	g
OKC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	105.2	250.4	7.5	1.04	1.05	0.10	124.2	124.7	3.1	85.8	126.4	g
OKC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.1	58.3	5.7	null	-	-	-	-	-	-	-	g
OKC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	104.3	246.5	7.5	1.63	1.72	0.22	105.8	105.8	2.5	88.0	140.9	p
OKC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.0	48.8	9.1	null	-	-	-	-	-	-	-	g
OKC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.7	297.0	9.8	1.36	1.36	0.08	161.9	161.8	1.4	80.7	135.4	g
OKC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.6	266.7	8.6	1.28	1.30	0.08	143.5	144.0	2.4	83.1	123.6	g
OKC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	100.2	73.1	8.2	0.79	0.85	0.14	151.8	153.3	4.8	82.8	281.6	f
OKC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	91.6	276.5	9.6	1.29	1.29	0.03	144.2	144.7	1.2	82.2	132.7	g
OKC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.3	49.9	9.2	null	-	-	-	-	-	-	-	g
OKC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.9	37.8	9.1	null	-	-	-	-	-	-	-	f
OKC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.2	49.4	8.6	3.00	3.00	0.00	97.0	97.7	2.7	89.0	312.5	p
OKC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.6	273.0	8.9	1.47	1.48	0.04	147.8	148.0	1.3	82.4	125.5	g
OKC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	91.3	297.4	9.6	1.22	1.23	0.05	161.7	161.7	0.7	80.9	136.0	g
OKC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	101.5	54.6	8.1	1.47	1.64	0.29	97.8	97.5	2.6	88.9	316.9	p
OST	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.9	302.5	9.6	null	-	-	-	-	-	-	-	f
OST	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	104.3	249.2	7.6	1.07	1.12	0.14	143.2	143.3	5.1	83.9	106.2	g
OST	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.7	56.1	5.7	1.36	1.69	0.68	146.2	131.5	30.1	85.3	270.0	p
OST	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.5	245.3	7.6	1.10	1.65	0.83	144.1	126.2	29.2	83.8	101.5	f
OST	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.4	47.2	9.0	1.57	1.60	0.10	106.8	106.6	0.9	87.4	300.6	f
OST	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.3	295.5	10.0	0.34	0.58	0.68	27.0	36.0	21.8	81.1	88.2	f
OST	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	96.4	265.4	8.8	1.29	1.26	0.23	162.3	159.9	8.0	81.6	103.3	f
OST	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.2	71.5	8.1	1.18	1.40	0.38	152.9	150.6	11.0	82.8	278.8	p
OST	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.3	275.1	9.8	null	-	-	-	-	-	-	-	f
OST	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.7	48.4	9.2	0.97	0.98	0.05	114.3	114.4	1.3	86.2	294.4	g
OST	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.1	33.6	9.0	null	-	-	-	-	-	-	-	f
OST	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.6	47.8	8.6	1.55	1.51	0.13	108.5	109.7	3.3	87.3	299.5	f
OST	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.3	271.6	9.1	0.96	1.00	0.19	156.3	156.4	4.3	81.7	115.6	f
OST	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.9	296.0	10.0	0.59	0.57	0.06	8.4	8.7	1.1	80.1	107.4	f
OST	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.1	52.8	7.9	1.32	1.36	0.13	124.8	125.9	5.2	85.5	288.3	f
PA01	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	100.1	244.6	8.2	null	-	-	-	-	-	-	-	g
PA01	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	125.7	50.7	5.3	1.26	1.91	0.86	147.6	120.4	33.5	85.6	263.2	f
PA01	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	99.3	240.8	8.2	null	-	-	-	-	-	-	-	g
PA01	BH	070130_2137	21.17	144.76	52	6.3	SKSac	99.2	42.3	8.4	1.35	1.36	0.10	149.2	149.1	1.6	82.8	253.4	g
PA03	BH	070130_2137	21.17	144.76	52	6.3	SKSac	98.5	42.9	8.5	0.83	0.85	0.06	125.9	125.8	3.5	85.0	277.3	g
PA07	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.1	299.5	9.8	1.18	1.65	0.60	81.9	87.7	25.0	88.6	37.4	p
PA07	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	101.8	246.3	8.0	0.85	0.87	0.07	154.0	154.5	2.1	82.8	92.6	g

PA07	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	124.0	52.4	5.4	1.02	1.08	0.06	156.1	156.4	1.4	85.1	256.4	g
PA07	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.1	242.5	7.9	0.86	0.98	0.48	146.6	142.4	14.1	83.4	96.2	g
PA07	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.5	44.0	8.7	1.19	1.20	0.04	124.9	124.3	2.8	85.1	279.4	g
PA07	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.2	292.6	10.3	null	-	-	-	-	-	-	-	f
PA07	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	93.9	262.4	9.3	0.78	0.93	0.19	120.7	119.0	11.8	85.3	142.0	f
PA07	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.6	68.4	7.8	null	-	-	-	-	-	-	-	f
PA07	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	87.9	272.1	10.4	null	-	-	-	-	-	-	-	f
PA07	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.9	45.3	8.9	1.36	1.37	0.07	121.5	121.5	2.3	85.4	284.1	g
PA07	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.7	26.9	9.0	1.33	1.43	0.13	109.7	108.7	3.0	87.0	277.4	f
PA07	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.7	44.6	8.3	1.19	1.26	0.25	114.2	113.1	4.7	86.6	290.6	f
PA07	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	91.9	268.6	9.6	0.61	0.63	0.05	129.0	127.1	3.9	84.0	140.0	g
PA07	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	87.8	293.0	10.3	null	-	-	-	-	-	-	-	f
PA07	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.3	49.6	7.6	0.98	1.01	0.13	126.9	123.8	5.5	85.4	282.9	f
PA10	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.3	300.1	9.8	null	-	-	-	-	-	-	-	g
PA10	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.5	247.0	7.9	0.87	1.29	0.73	59.5	60.8	12.6	86.0	7.2	p
PA10	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.4	53.0	5.5	1.26	1.36	0.08	138.8	140.5	2.5	85.9	274.3	f
PA10	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.7	243.1	7.9	1.34	2.21	0.83	131.4	109.2	22.0	84.8	112.0	p
PA10	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.9	44.6	8.8	1.02	1.03	0.05	138.7	139.4	2.2	83.4	266.3	g
PA10	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.5	293.2	10.3	1.39	1.89	0.69	82.9	109.2	42.4	88.7	30.2	p
PA10	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.4	263.0	9.1	1.28	1.28	0.14	140.6	140.0	3.7	83.0	122.8	f
PA10	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.0	69.0	7.8	1.10	1.10	0.01	133.0	133.3	1.2	84.7	296.2	g
PA10	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.4	272.7	10.2	null	-	-	-	-	-	-	-	f
PA10	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.2	45.9	8.9	1.14	1.16	0.07	127.5	127.7	2.9	84.6	278.7	g
PA10	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.1	28.1	9.0	0.52	0.55	0.05	130.0	128.9	5.8	84.2	258.4	f
PA10	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.1	45.2	8.3	1.14	1.17	0.05	124.1	123.2	3.1	85.4	281.4	g
PA10	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.4	269.2	9.4	0.83	0.82	0.10	145.0	144.8	3.8	82.3	124.6	g
PA10	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.1	293.6	10.2	null	-	-	-	-	-	-	-	f
PA10	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.7	50.2	7.8	1.27	1.32	0.09	133.1	133.1	3.2	84.7	277.4	g
PA20	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.3	54.1	5.6	1.07	1.52	0.64	137.7	131.0	15.0	85.9	276.5	f
PA20	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	102.8	244.3	7.8	1.04	1.04	0.16	156.2	154.9	4.8	82.9	88.3	f
PA20	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.8	45.8	9.0	0.70	0.74	0.16	147.2	145.6	7.9	82.5	258.9	f
PA20	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.1	294.2	10.1	1.59	2.01	0.68	171.7	145.7	39.0	80.0	122.7	p
PA20	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.4	264.1	8.9	0.95	1.08	0.21	112.2	110.2	7.2	86.6	152.2	f
PA20	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.0	70.0	8.1	null	-	-	-	-	-	-	-	f
PA20	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.2	273.8	10.0	null	-	-	-	-	-	-	-	f
PA20	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.1	47.0	9.1	1.06	1.12	0.29	111.2	116.2	10.8	86.7	296.1	f
PA20	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.2	30.1	9.0	null	-	-	-	-	-	-	-	g
PA20	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.0	46.3	8.5	1.03	1.16	0.31	155.2	155.0	9.3	82.3	251.3	f
PA20	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.3	270.3	9.3	0.83	1.00	0.36	110.3	113.3	14.8	86.8	160.3	p
PA20	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.7	294.7	10.2	null	-	-	-	-	-	-	-	g
PA20	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.6	51.3	7.9	0.62	0.70	0.10	133.0	126.7	12.7	84.6	278.6	f
PA64	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.2	302.3	9.6	null	-	-	-	-	-	-	-	f
PA64	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	104.6	249.3	7.6	0.85	0.88	0.10	159.2	158.6	3.6	82.9	90.3	f
PA64	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.1	55.2	5.7	0.39	0.40	0.00	136.8	136.5	6.2	85.9	278.6	g
PA64	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.6	295.3	10.1	null	-	-	-	-	-	-	-	g
PA64	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	96.4	265.3	8.8	null	-	-	-	-	-	-	-	f
PA64	BH	070726_0540	2.89	127.57	40	6.3	SKSac	100.9	71.1	8.2	1.00	1.01	0.06	108.4	109.7	1.8	87.4	322.8	f
PA64	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.1	274.9	9.8	null	-	-	-	-	-	-	-	f
PA64	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.0	48.2	9.2	null	-	-	-	-	-	-	-	g
PA64	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.1	32.0	9.1	null	-	-	-	-	-	-	-	f
PA64	BH	071031_0330	18.96	145.38	222	6.1	SKSac	96.9	47.5	8.7	null	-	-	-	-	-	-	-	f
PA64	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.2	271.5	9.1	null	-	-	-	-	-	-	-	f
PA65	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.5	303.0	9.6	0.65	0.69	0.11	152.0	151.4	7.0	81.5	151.3	f
PA65	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	105.2	250.0	7.5	0.86	0.87	0.04	150.6	151.1	1.4	83.5	99.6	g

PA65	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	120.5	55.9	5.8	0.84	0.86	0.07	137.1	137.2	3.2	85.8	279.0	f
PA65	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	104.5	246.1	7.5	2.77	2.78	0.08	72.7	72.8	1.1	87.8	353.3	p
PA65	BH	070130_2137	21.17	144.76	52	6.3	SKSac	94.1	47.6	9.1	0.42	1.75	0.91	116.0	125.2	45.4	86.0	291.9	p
PA66	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.6	303.5	9.6	null	-	-	-	-	-	-	-	g
PA66	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	105.7	250.6	7.5	0.82	0.82	0.08	135.8	135.8	2.4	84.6	115.0	g
PA66	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	120.0	56.4	5.8	0.57	0.60	0.07	142.9	142.8	5.8	85.4	273.6	f
PA66	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	105.0	246.7	7.5	0.93	2.59	0.80	127.2	85.5	20.1	85.5	119.7	p
PA66	BH	070130_2137	21.17	144.76	52	6.3	SKSac	93.6	48.1	9.3	0.85	0.84	0.13	158.9	158.3	2.9	81.3	249.4	f
PA66	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.3	266.6	8.6	1.34	1.34	0.11	159.2	159.1	2.0	82.0	107.6	f
PA66	BH	070726_0540	2.89	127.57	40	6.3	SKSac	99.8	72.2	8.4	1.07	1.13	0.14	140.5	140.5	9.8	83.6	292.0	f
PA66	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.9	276.1	9.8	0.94	0.96	0.06	119.6	119.2	2.9	85.2	156.8	f
PA66	BH	070928_1338	22.01	142.71	254	6.7	SKSac	91.9	49.3	9.6	0.75	0.77	0.07	141.5	141.6	4.6	82.5	268.2	g
PA66	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	150.1	33.9	9.1	0.66	0.72	0.08	151.8	152.7	6.2	81.9	242.4	f
PA66	BH	071031_0330	18.96	145.38	222	6.1	SKSac	95.8	48.6	8.9	0.94	1.61	0.79	159.3	147.4	28.5	81.7	249.6	p
PA66	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.1	272.7	8.9	1.44	1.45	0.08	155.9	155.7	1.5	81.8	117.1	g
PA67	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.9	304.2	9.6	null	-	-	-	-	-	-	-	f
PA67	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	106.3	251.3	7.4	1.16	1.19	0.07	151.3	151.5	2.6	83.6	100.2	g
PA67	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	119.5	57.1	5.9	1.14	1.13	0.05	136.2	136.1	1.5	85.8	281.1	g
PA67	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	105.6	247.4	7.4	1.04	2.08	0.94	139.3	106.4	31.4	84.4	108.3	f
PA67	BH	070130_2137	21.17	144.76	52	6.3	SKSac	93.0	48.8	9.3	0.85	0.86	0.06	131.7	131.8	2.1	83.8	277.5	g
PA67	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.9	267.3	8.6	1.17	1.15	0.11	161.5	161.2	2.5	81.8	106.0	f
PA68	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	118.9	57.7	6.0	0.86	0.88	0.04	118.1	118.0	1.6	87.2	299.7	g
PA68	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	106.1	248.0	7.3	1.80	2.53	0.56	99.4	76.2	34.1	88.8	148.6	p
PA68	BH	070130_2137	21.17	144.76	52	6.3	SKSac	92.5	49.3	9.4	0.71	0.76	0.08	115.2	115.1	4.5	86.0	294.4	f
PA68	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.8	297.7	10.0	0.62	0.71	0.11	104.5	103.1	2.5	87.5	193.4	f
PA68	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	98.3	267.9	8.5	null	-	-	-	-	-	-	-	f
PA68	BH	070726_0540	2.89	127.57	40	6.3	SKSac	98.7	73.4	8.5	null	-	-	-	-	-	-	-	f
PA68	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	91.8	277.3	9.6	null	-	-	-	-	-	-	-	g
PA68	BH	070928_1338	22.01	142.71	254	6.7	SKSac	90.8	50.6	9.7	2.41	2.54	0.17	96.3	96.3	1.5	88.9	314.4	f
PA68	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	149.1	36.0	9.2	null	-	-	-	-	-	-	-	f
PA68	BH	071031_0330	18.96	145.38	222	6.1	SKSac	94.7	49.9	9.1	0.44	2.26	0.76	151.3	114.0	40.1	82.0	258.9	p
PA68	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	96.0	274.0	8.9	null	-	-	-	-	-	-	-	f
PA69	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	118.4	58.3	6.0	0.62	0.61	0.03	119.0	119.2	2.5	87.1	299.5	g
PA69	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	106.6	248.6	7.3	1.94	1.87	0.17	111.6	111.8	1.9	87.3	137.2	p
PA69	BH	070130_2137	21.17	144.76	52	6.3	SKSac	92.0	50.0	9.6	null	-	-	-	-	-	-	-	f
PA69	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.1	298.4	9.8	1.02	1.00	0.00	121.4	121.9	0.4	84.9	177.3	g
PA69	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	98.8	268.6	8.5	0.56	0.61	0.08	133.3	134.0	5.0	84.2	135.6	f
PA69	BH	070726_0540	2.89	127.57	40	6.3	SKSac	98.2	74.0	8.5	1.40	1.46	0.17	158.4	158.5	3.4	82.1	275.8	f
PA69	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	92.3	278.0	9.5	0.61	0.71	0.16	124.0	127.0	16.4	84.7	154.3	f
PA69	BH	070928_1338	22.01	142.71	254	6.7	SKSac	90.3	51.2	9.7	1.20	1.25	0.25	170.5	170.3	2.3	80.4	240.8	p
PA69	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	148.6	37.0	9.3	null	-	-	-	-	-	-	-	f
PA69	BH	071031_0330	18.96	145.38	222	6.1	SKSac	94.2	50.5	9.1	3.00	3.00	0.00	84.7	84.8	1.0	89.2	145.8	p
PA69	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	96.4	274.7	8.8	1.58	1.66	0.25	169.0	169.2	2.1	81.4	105.8	p
PA70	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	107.8	253.1	7.2	0.98	0.99	0.05	118.0	118.1	1.3	86.6	135.3	g
PA70	BH	070130_2137	21.17	144.76	52	6.3	SKSac	91.5	50.5	9.6	1.71	2.12	0.69	175.8	146.2	41.7	80.4	234.8	p
PA70	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.3	298.9	9.8	1.26	1.32	0.30	153.7	151.8	11.9	81.2	145.5	f
PA70	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	99.2	269.1	8.3	1.20	1.31	0.33	148.5	150.1	9.9	82.9	120.9	f
PA70	BH	070726_0540	2.89	127.57	40	6.3	SKSac	97.8	74.5	8.7	1.62	1.69	0.23	160.9	160.2	3.4	81.8	273.8	f
PA70	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	92.6	278.5	9.5	1.28	1.32	0.16	153.3	153.0	3.6	81.6	125.6	f
PA70	BH	070928_1338	22.01	142.71	254	6.7	SKSac	89.8	51.8	9.9	1.19	1.23	0.25	166.8	166.1	3.4	80.4	245.1	f
PA70	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	148.2	37.8	9.3	null	-	-	-	-	-	-	-	f
PA70	BH	071031_0330	18.96	145.38	222	6.1	SKSac	93.7	51.1	9.2	1.20	1.22	0.17	112.4	112.8	3.4	86.5	299.0	f
PA70	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	96.8	275.3	8.8	1.32	1.33	0.05	133.2	133.1	2.0	84.0	142.4	g
PA71	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.8	306.8	9.4	0.66	0.67	0.04	46.4	46.7	2.9	83.5	80.0	g



PA71	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	108.4	253.9	7.1	1.70	2.26	0.67	174.6	140.1	42.7	82.9	79.3	p
PA71	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	117.3	59.6	6.1	0.79	0.78	0.04	139.3	139.1	1.8	85.4	280.5	g
PA71	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	107.7	249.9	7.1	null	-	-	-	-	-	-	-	f
PA71	BH	070130_2137	21.17	144.76	52	6.3	SKSac	90.9	51.3	9.8	0.40	0.45	0.08	135.7	139.9	12.5	83.0	276.0	f
PA71	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.7	299.6	9.8	null	-	-	-	-	-	-	-	f
PA71	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	99.7	269.9	8.3	null	-	-	-	-	-	-	-	f
PA71	BH	070726_0540	2.89	127.57	40	6.3	SKSac	97.2	75.2	8.7	null	-	-	-	-	-	-	-	f
PA73	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.1	308.0	9.3	null	-	-	-	-	-	-	-	f
PA73	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	109.4	255.2	7.0	1.91	1.96	0.11	165.5	165.7	1.2	83.2	89.8	p
PA73	BH	070130_2137	21.17	144.76	52	6.3	SKSac	89.8	52.5	10.0	1.61	1.62	0.09	170.0	169.9	1.3	80.2	242.6	p
PA73	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.2	300.9	9.6	3.00	3.00	0.01	105.2	107.7	3.3	87.5	195.9	p
PA73	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	100.6	271.2	8.2	null	-	-	-	-	-	-	-	f
PA73	BH	070726_0540	2.89	127.57	40	6.3	SKSac	96.1	76.4	8.8	0.59	0.68	0.11	129.0	128.8	13.0	84.5	307.7	f
PA73	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	93.9	280.6	9.3	null	-	-	-	-	-	-	-	f
PA73	BH	070928_1338	22.01	142.71	254	6.7	SKSac	88.2	53.7	10.1	1.19	1.20	0.31	103.0	104.5	5.7	87.7	310.9	p
PA73	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	146.6	40.7	9.4	0.78	0.80	0.02	121.5	121.3	1.8	85.1	279.5	g
PA81	BH	070726_0540	2.89	127.57	40	6.3	SKSac	95.6	77.0	9.0	null	-	-	-	-	-	-	-	g
PA82	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	110.0	252.9	6.9	0.69	2.26	0.92	159.5	114.1	39.7	83.5	93.6	p
PA82	BH	070130_2137	21.17	144.76	52	6.3	SKSac	88.6	54.1	10.2	null	-	-	-	-	-	-	-	f
PA82	BH	070928_1338	22.01	142.71	254	6.7	SKSac	86.9	55.4	10.4	null	-	-	-	-	-	-	-	g
PB09	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.6	293.2	10.3	0.94	1.23	0.67	77.5	81.2	14.0	87.8	35.5	p
PB14	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.5	300.6	9.8	1.80	1.81	0.09	80.9	80.7	1.0	88.5	39.6	p
PB14	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.8	293.7	10.3	3.00	3.00	0.00	85.3	84.4	3.6	89.2	28.3	p
PB14	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.9	263.6	9.1	1.19	1.18	0.06	136.9	136.7	2.0	83.4	127.0	g
PB14	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.5	69.5	7.9	1.95	2.21	0.63	167.2	165.5	5.6	82.3	262.4	p
PB14	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.7	46.5	9.1	0.87	0.87	0.05	119.2	119.4	2.0	85.6	287.6	g
PB16	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.9	293.9	10.3	null	-	-	-	-	-	-	-	g
PB16	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.1	263.8	8.9	0.93	0.94	0.08	137.9	137.4	2.8	83.4	126.2	g
PB16	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.3	69.6	7.9	0.69	0.74	0.05	139.1	139.5	4.0	84.0	290.8	f
PB16	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.4	46.7	9.1	0.91	1.30	0.78	158.0	146.0	27.8	81.6	248.9	f
PB19	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.6	301.0	9.8	1.99	2.22	0.51	171.0	153.8	34.6	80.3	130.1	p
PB19	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.0	294.0	10.3	1.53	1.56	0.06	86.1	86.0	0.0	89.3	27.9	p
PB19	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.2	263.9	8.9	0.94	0.95	0.11	143.6	142.9	3.9	82.8	120.7	g
PB19	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.1	69.8	7.9	null	-	-	-	-	-	-	-	f
PB19	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.1	273.6	10.0	0.56	0.70	0.18	129.0	127.6	15.5	83.7	145.0	f
PB19	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.3	46.8	9.1	0.51	1.32	1.08	126.4	116.5	20.7	84.6	280.8	p
PB22	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.8	301.3	9.8	0.74	0.92	0.41	162.5	157.2	16.4	80.7	139.0	f
PB22	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.1	294.3	10.1	0.78	2.38	0.97	171.4	111.1	44.0	80.0	123.1	f
PB22	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.5	264.2	8.9	0.77	0.79	0.05	125.2	125.6	4.0	84.9	139.4	f
PB22	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.9	70.1	8.1	1.31	1.36	0.16	155.3	153.8	4.5	82.7	275.0	f
PB22	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.0	47.1	9.1	null	-	-	-	-	-	-	-	g
PB23B	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.6	45.9	9.0	1.61	1.67	0.11	97.8	97.7	1.4	88.8	308.2	p
PB23B	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.2	294.4	10.1	1.87	2.64	0.49	171.2	109.2	38.6	80.0	123.3	f
PB23B	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.6	264.3	8.9	1.58	2.92	0.41	167.7	73.0	32.6	81.3	96.8	p
PB23B	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.8	70.1	8.1	1.06	1.22	0.12	135.6	135.6	7.7	84.2	294.8	f
PB23B	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.4	274.0	10.0	null	-	-	-	-	-	-	-	f
PB23B	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.9	47.2	9.2	1.76	1.74	0.12	103.1	103.6	1.4	87.9	304.3	f
PB23B	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.8	46.5	8.6	0.94	1.05	0.21	122.3	126.5	13.6	85.4	284.5	f
PB23B	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.4	270.5	9.3	0.84	0.85	0.07	122.0	122.1	3.2	85.1	148.9	g
PB23B	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.7	294.8	10.2	null	-	-	-	-	-	-	-	f
PB23	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.8	301.4	9.8	1.19	1.25	0.25	103.8	103.8	3.2	87.7	197.8	f
PB25	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.9	301.5	9.8	0.42	0.45	0.12	112.2	115.5	12.7	86.3	189.6	f
PB41	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.9	301.6	9.8	0.76	1.49	0.97	101.1	86.4	53.3	88.1	200.7	p
PB41	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.3	294.6	10.1	0.94	1.35	0.80	172.0	152.4	36.0	80.0	122.8	p

PB41	SH	070928_1338	22.01	142.71	254	6.7	SKSac	93.7	47.4	9.2	0.79	0.80	0.07	110.8	110.8	2.4	86.7	296.9	f
PB42	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.9	301.7	9.8	null	-	-	-	-	-	-	-	f
PB43	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.1	302.1	9.6	0.50	0.54	0.06	135.2	133.6	11.0	83.2	167.3	p
PB43	SH	070928_1338	22.01	142.71	254	6.7	SKSac	93.3	47.9	9.2	0.65	0.86	0.61	106.3	98.7	30.7	87.4	301.8	p
PB44	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.1	302.2	9.6	1.24	1.63	0.68	165.9	136.7	41.0	80.7	136.5	p
PB44	SH	070928_1338	22.01	142.71	254	6.7	SKSac	93.2	48.0	9.2	null	-	-	-	-	-	-	-	f
PB45	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.3	302.6	9.6	0.75	0.78	0.11	123.8	124.1	5.3	84.7	179.2	p
PB47	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.5	303.1	9.6	1.54	1.91	0.56	166.9	138.9	40.5	80.6	136.4	p
PB47	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.1	296.1	10.0	1.54	2.05	0.66	159.0	119.8	39.9	80.7	137.4	p
PB50	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.5	297.0	10.0	1.25	1.66	0.73	160.6	141.0	34.4	80.6	136.7	p
PB50	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.5	49.8	9.6	1.14	1.14	0.05	132.0	131.8	1.5	83.6	278.2	p
PB51	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.0	304.4	9.6	1.83	1.90	0.17	70.2	72.2	12.3	86.7	53.9	p
PB52	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.1	304.6	9.4	0.47	0.49	0.07	40.0	40.7	8.7	82.8	84.3	p
PB53	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.1	304.9	9.4	0.45	0.92	0.88	112.2	110.8	16.7	86.4	193.0	p
PB53	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.7	50.7	9.7	1.12	1.38	0.68	105.7	101.2	22.3	87.4	305.2	p
PB54	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.0	298.2	9.8	0.95	1.01	0.24	148.3	145.7	14.1	81.7	150.3	p
PB54	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.4	51.1	9.7	0.24	1.04	1.09	150.0	133.3	31.8	81.6	261.4	p
PB56	SH	070928_1338	22.01	142.71	254	6.7	SKSac	89.9	51.7	9.9	0.19	2.19	0.97	115.0	91.2	9.8	85.8	297.1	p
PB57	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.5	299.2	9.8	3.00	2.86	0.32	178.1	106.5	71.7	80.2	121.1	p
PC21	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	124.1	53.0	5.4	1.09	1.12	0.09	132.0	130.7	4.8	86.4	281.1	f
PC21	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.1	242.7	7.9	1.57	1.58	0.05	135.7	135.7	0.8	84.3	107.2	f
PC21	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.7	44.3	8.7	0.99	0.99	0.03	127.7	127.9	1.6	84.7	277.0	g
PC21	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.6	292.9	10.3	0.71	1.27	0.83	119.7	118.3	34.2	84.9	173.6	p
PC21	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.0	262.6	9.1	1.80	1.87	0.28	116.9	114.6	5.9	85.9	146.0	p
PC21	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.6	68.8	7.8	null	-	-	-	-	-	-	-	g
PC21	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.1	272.4	10.2	1.93	1.95	0.13	105.9	106.0	1.5	87.2	166.7	p
PC21	BH	070928_1338	22.01	142.71	254	6.7	SKSac	96.0	45.6	8.7	0.89	0.91	0.04	130.7	131.1	4.0	84.3	275.2	g
PC21	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	154.0	28.0	8.9	0.75	0.77	0.06	121.8	122.3	4.3	85.3	266.5	g
PC21	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.9	44.9	8.3	0.83	0.87	0.14	124.0	125.4	8.9	85.4	281.2	f
PC21	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.1	268.8	9.4	2.42	2.55	0.26	105.8	104.6	2.0	87.4	163.2	p
PC21	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.2	293.3	10.2	0.71	0.83	0.16	116.7	118.3	15.7	85.5	176.9	f
PC21	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.4	50.0	7.6	0.87	0.96	0.21	114.9	117.2	7.4	86.8	295.3	f
PC23	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.6	300.1	9.8	null	-	-	-	-	-	-	-	f
PC23	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.3	246.9	7.9	1.47	1.48	0.11	166.2	166.2	1.3	82.3	80.8	f
PC23	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.5	243.1	7.9	1.01	2.45	0.87	157.0	104.4	30.8	82.7	86.3	f
PC23	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.2	44.7	8.7	0.98	0.99	0.05	121.9	121.8	1.8	85.4	283.1	g
PC23	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.8	293.2	10.3	null	-	-	-	-	-	-	-	f
PC23	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.4	263.0	9.1	0.44	0.46	0.06	145.0	145.3	6.1	82.6	118.3	f
PC23	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.2	69.1	7.8	null	-	-	-	-	-	-	-	f
PC23	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.4	272.7	10.2	null	-	-	-	-	-	-	-	f
PC23	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.6	46.0	8.9	1.07	1.09	0.05	114.1	113.7	1.3	86.4	292.1	g
PC23	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.6	28.6	9.0	0.96	0.98	0.06	103.5	103.1	1.3	87.9	285.3	g
PC23	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.4	45.3	8.3	null	-	-	-	-	-	-	-	f
PC23	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.4	269.2	9.4	0.49	0.52	0.04	121.9	119.9	3.6	85.0	147.7	f
PC23	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.3	293.6	10.2	null	-	-	-	-	-	-	-	f
PC23	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.0	50.3	7.8	1.69	1.71	0.16	103.1	103.8	1.8	88.2	307.4	f
PC26	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.8	52.9	5.5	0.64	1.49	1.07	137.9	120.0	26.0	86.0	275.2	p
PC26	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.3	242.9	7.9	1.86	2.34	0.44	163.4	134.5	38.8	82.4	79.6	p
PC26	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.3	44.4	8.7	1.29	1.30	0.03	114.4	114.4	0.9	86.4	290.3	g
PC26	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.1	50.0	7.6	2.65	2.72	0.30	166.1	166.0	3.0	82.6	244.0	p
PC32	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.3	301.7	9.6	null	-	-	-	-	-	-	-	f
PC32	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.8	248.5	7.8	0.98	0.98	0.07	142.7	142.1	3.4	83.8	106.1	g
PC32	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.1	54.9	5.6	1.20	1.46	0.50	146.6	141.6	17.8	85.4	268.5	g
PC32	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.7	46.3	9.0	0.89	0.90	0.00	127.3	126.7	1.0	84.6	279.4	g

PC32	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.8	264.6	8.9	null	-	-	-	-	-	-	f	
PC32	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.7	70.6	8.1	null	-	-	-	-	-	-	f	
PC32	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.7	274.3	10.0	null	-	-	-	-	-	-	f	
PC32	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.1	47.6	9.1	1.13	1.15	0.16	114.3	114.4	3.5	86.3	293.5	f
PC32	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.2	31.6	9.0	1.73	1.74	0.07	112.3	112.5	1.0	86.6	279.5	f
PC32	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.9	46.9	8.6	3.00	2.97	0.11	106.9	111.0	3.4	87.5	300.2	p
PC32	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.7	270.8	9.3	1.03	1.03	0.13	160.8	160.5	2.1	81.2	110.3	f
PC32	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.2	295.2	10.0	1.10	1.16	0.09	82.9	83.1	1.0	88.8	32.2	p
PC32	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.4	51.9	7.9	1.29	1.32	0.18	121.7	122.9	5.3	85.9	290.5	f
PD41	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.4	302.0	9.6	null	-	-	-	-	-	-	f	
PD41	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.7	295.1	10.1	1.33	1.36	0.05	80.1	80.1	0.4	88.3	34.8	p
PD41	SH	070928_1338	22.01	142.71	254	6.7	SKSac	93.7	47.9	9.2	0.80	2.01	1.02	102.7	92.8	15.5	88.0	305.4	p
PD42	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.6	302.6	9.6	null	-	-	-	-	-	-	f	
PD42	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.0	295.6	10.0	null	-	-	-	-	-	-	g	
PD43	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.4	296.3	10.0	0.56	1.60	1.10	153.6	117.0	35.6	81.1	143.0	f
PD43	SH	070928_1338	22.01	142.71	254	6.7	SKSac	92.5	49.1	9.4	0.56	1.46	1.08	164.0	136.6	38.9	81.0	245.4	p
PD44	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.7	296.9	10.0	1.51	1.49	0.10	148.6	148.5	1.3	81.5	148.7	p
PD44	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.9	49.8	9.6	2.51	2.73	0.33	87.1	87.9	8.9	89.5	142.6	p
PD45	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.9	297.5	10.0	0.59	2.56	0.67	64.8	108.3	40.3	85.8	52.4	p
PD45	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.3	50.4	9.6	1.06	1.07	0.08	124.0	124.4	2.5	84.7	286.8	p
PD46	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.6	305.2	9.4	1.39	1.43	0.18	160.6	154.8	20.7	81.1	144.9	p
PD46	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.3	298.2	9.8	null	-	-	-	-	-	-	f	
PD46	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.8	51.0	9.7	0.97	0.99	0.12	113.5	113.7	2.4	86.1	297.8	p
PD47	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.5	298.8	9.8	1.12	1.39	0.61	147.4	137.0	25.0	81.8	151.8	p
PD47	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.3	51.6	9.7	null	-	-	-	-	-	-	g	
PD48	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.0	306.5	9.4	1.00	2.10	0.96	96.5	81.0	45.0	88.9	210.1	p
PD48	SH	070928_1338	22.01	142.71	254	6.7	SKSac	89.7	52.2	9.9	null	-	-	-	-	-	-	g	
PD49	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.2	307.0	9.3	0.49	1.17	1.05	16.8	39.9	35.1	81.1	110.0	p
PD49	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.0	299.9	9.6	0.67	0.66	0.13	167.5	167.1	2.4	80.6	132.6	p
PD49	SH	070928_1338	22.01	142.71	254	6.7	SKSac	89.3	52.8	9.9	null	-	-	-	-	-	-	g	
PD50	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.4	307.8	9.3	0.86	1.56	0.87	104.2	73.3	42.6	87.7	203.8	p
PD50	SH	070928_1338	22.01	142.71	254	6.7	SKSac	88.7	53.5	10.1	null	-	-	-	-	-	-	g	
PF41	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.1	303.2	9.4	1.42	2.05	0.70	172.6	128.8	43.8	80.6	130.7	p
PF41	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.5	296.2	10.0	0.81	0.80	0.02	165.8	166.0	0.0	80.3	130.7	g
PF41	SH	070928_1338	22.01	142.71	254	6.7	SKSac	92.9	49.1	9.4	0.94	0.99	0.15	104.4	104.6	2.0	87.7	304.9	f
PF43	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.7	304.7	9.4	2.97	2.96	0.07	77.8	77.7	2.4	88.0	46.8	p
PF43	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.3	297.7	9.8	1.62	1.64	0.14	154.3	153.6	7.1	81.2	143.7	p
PF43	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.6	50.6	9.6	0.51	0.54	0.14	103.8	105.0	5.8	87.7	307.0	f
PF44	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.0	305.7	9.4	1.37	1.60	0.42	143.2	122.0	35.5	82.4	162.8	p
PF45	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.3	306.6	9.3	1.21	1.43	0.50	163.9	155.8	23.6	81.1	142.9	p
PF45	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.1	299.5	9.6	null	-	-	-	-	-	-	f	
PF45	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.0	52.3	9.9	0.97	1.44	0.65	163.9	134.4	40.2	80.5	248.6	p
PF46	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.6	307.4	9.3	null	-	-	-	-	-	-	f	
PF46	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.4	300.3	9.6	1.02	2.24	0.84	154.1	101.1	34.5	81.4	146.5	p
PF46	SH	070928_1338	22.01	142.71	254	6.7	SKSac	89.3	53.1	9.9	1.03	1.14	0.34	162.4	155.5	22.8	80.6	251.0	f
PF47	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.9	308.2	9.3	0.70	0.70	0.06	47.6	47.7	2.5	83.7	80.3	g
PF47	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.8	301.1	9.6	0.69	2.57	0.85	76.0	94.6	9.4	87.7	44.9	p
PF47	SH	070928_1338	22.01	142.71	254	6.7	SKSac	88.6	53.9	10.1	0.62	0.67	0.13	143.3	143.4	6.2	81.9	271.0	f
PG01	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	100.1	242.0	8.0	1.15	1.96	0.89	92.8	52.4	45.0	89.6	149.3	p
PG22	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.9	55.2	5.6	0.64	0.73	0.35	128.2	126.6	9.4	86.6	287.2	f
PG22	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.9	294.5	10.1	1.30	2.28	0.82	173.9	128.0	42.7	79.9	120.7	p
PG22	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.3	70.6	7.9	null	-	-	-	-	-	-	f	
PG22	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.6	274.1	10.0	null	-	-	-	-	-	-	f	
PG22	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.0	47.4	9.1	1.06	1.08	0.09	124.1	123.7	4.1	84.9	283.6	p

PG22	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.3	32.2	9.0	1.44	1.51	0.18	103.6	103.6	1.7	87.9	288.8	f
PG22	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.9	46.8	8.5	1.02	1.10	0.08	115.7	113.9	2.6	86.3	291.3	g
PG22	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.5	270.5	9.3	0.66	0.70	0.12	120.8	120.2	6.3	85.3	150.1	f
PG22	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.5	295.0	10.0	1.85	2.10	0.40	88.4	88.3	0.7	89.7	26.5	g
PG22	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.3	51.9	7.8	1.11	1.33	0.26	111.4	107.4	4.2	87.2	300.7	f
PG23	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.1	274.8	9.8	0.85	0.87	0.16	157.9	156.3	6.4	80.9	117.2	f
PG23	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.2	48.1	9.1	1.22	1.21	0.08	127.5	127.4	2.1	84.5	280.9	g
PG23	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.8	295.6	10.0	0.84	0.87	0.05	81.1	81.3	1.0	88.5	34.4	f
PG23	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.6	52.6	7.9	1.03	1.05	0.11	127.3	127.9	4.6	85.2	285.6	g
PG41	BH	070130_2137	21.17	144.76	52	6.3	SKSac	94.8	48.1	9.1	1.41	1.46	0.19	102.6	102.5	2.2	88.0	305.6	f
PG41	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.9	296.4	10.0	0.76	0.84	0.34	170.4	168.8	11.7	80.2	126.1	f
PG41	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.1	266.2	8.6	3.00	2.69	0.57	1.0	60.3	31.7	81.4	85.2	p
PG41	BH	070726_0540	2.89	127.57	40	6.3	SKSac	100.4	72.3	8.2	1.48	1.53	0.23	116.7	116.8	4.2	86.3	315.9	f
PG41	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	91.0	275.9	9.6	1.20	1.22	0.15	151.4	151.4	4.2	81.5	124.9	f
PG41	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.1	49.3	9.2	null	-	-	-	-	-	-	-	f
PG41	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.5	35.4	9.1	null	-	-	-	-	-	-	-	g
PG41	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.0	48.7	8.7	1.82	2.01	0.71	97.2	96.5	2.5	88.9	311.5	p
PG41	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.0	272.5	8.9	0.91	0.96	0.08	148.7	149.1	5.0	82.4	124.1	f
PG41	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.4	296.8	9.8	0.50	0.50	0.00	159.8	160.0	0.0	80.8	137.3	g
PG41	BH	080509_2151	12.53	143.26	89	6.1	SKSac	101.4	53.8	8.1	2.02	2.22	0.25	99.3	97.5	1.7	88.7	314.6	p
PG42	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	105.6	250.6	7.5	1.63	1.63	0.07	109.0	109.1	1.1	87.6	141.8	f
PG42	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	120.4	57.6	5.8	0.70	0.69	0.13	107.0	107.9	2.9	88.3	310.7	f
PG42	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	104.8	246.8	7.5	1.35	1.41	0.11	107.0	106.8	2.5	87.8	139.9	p
PG42	BH	070130_2137	21.17	144.76	52	6.3	SKSac	94.2	48.6	9.1	null	-	-	-	-	-	-	-	g
PG42	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.1	297.0	9.8	1.81	1.82	0.09	76.4	75.6	1.3	87.7	40.4	p
PG42	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	97.6	266.9	8.6	1.47	1.51	0.10	130.6	128.8	6.1	84.4	136.6	f
PG42	BH	070726_0540	2.89	127.57	40	6.3	SKSac	99.9	72.9	8.4	1.29	1.45	0.08	127.5	127.2	3.7	84.9	305.7	f
PG42	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	91.4	276.5	9.6	1.47	1.49	0.06	140.5	140.5	2.9	82.6	136.4	f
PG42	BH	070928_1338	22.01	142.71	254	6.7	SKSac	92.5	49.8	9.4	0.59	0.64	0.16	153.6	149.8	12.7	81.6	256.5	f
PG42	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	151.0	36.3	9.1	null	-	-	-	-	-	-	-	f
PG42	BH	071031_0330	18.96	145.38	222	6.1	SKSac	96.4	49.2	8.7	0.88	1.00	0.30	116.7	116.2	9.0	86.1	292.8	f
PG42	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.5	273.1	8.9	1.82	1.86	0.06	132.2	132.0	1.5	84.0	141.2	f
PG42	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.7	297.4	9.8	1.96	2.20	0.46	160.0	140.9	33.0	80.8	137.7	p
PG42	BH	080509_2151	12.53	143.26	89	6.1	SKSac	100.8	54.3	8.2	0.88	0.89	0.21	104.9	105.8	3.9	87.9	309.6	f
PG42	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	106.1	251.2	7.4	1.44	1.46	0.09	111.8	112.1	1.7	87.3	139.6	f
PG43	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	119.9	58.1	5.9	0.54	0.86	0.65	132.3	130.8	19.4	86.1	285.9	f
PG43	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	105.3	247.3	7.4	2.95	2.98	0.04	112.9	114.0	2.2	87.1	134.6	p
PG43	BH	070130_2137	21.17	144.76	52	6.3	SKSac	93.6	49.1	9.3	null	-	-	-	-	-	-	-	g
PG43	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.3	297.5	9.8	1.42	2.34	0.80	160.8	113.8	36.7	80.8	136.9	f
PG43	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	98.0	267.4	8.5	1.37	1.37	0.05	137.0	137.2	2.1	83.8	130.7	g
PG43	BH	070726_0540	2.89	127.57	40	6.3	SKSac	99.4	73.3	8.4	1.35	1.40	0.24	120.1	119.0	5.7	85.8	313.5	f
PG43	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	91.8	277.0	9.6	1.47	1.47	0.12	144.0	143.8	2.7	82.2	133.4	f
PG43	BH	070928_1338	22.01	142.71	254	6.7	SKSac	91.9	50.3	9.6	null	-	-	-	-	-	-	-	g
PG43	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	150.4	37.0	9.1	3.00	2.71	0.62	4.2	58.6	59.6	80.9	212.7	p
PG43	BH	071031_0330	18.96	145.38	222	6.1	SKSac	95.8	49.7	8.9	null	-	-	-	-	-	-	-	f
PG43	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	95.9	273.6	8.9	1.50	1.50	0.08	142.6	142.6	1.3	82.9	131.4	g
PG43	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.9	297.9	9.8	1.26	1.86	0.83	160.3	133.9	35.7	80.8	137.9	f
PG44	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	106.7	251.9	7.4	1.32	1.30	0.00	133.9	133.9	0.6	84.9	118.3	g
PG44	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	105.9	248.0	7.4	1.40	1.68	0.56	140.8	131.2	24.8	84.3	107.5	p
PG44	BH	070130_2137	21.17	144.76	52	6.3	SKSac	93.1	49.9	9.3	null	-	-	-	-	-	-	-	g
PG44	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.8	298.2	9.8	2.14	2.31	0.34	164.2	145.4	34.2	80.6	134.2	p
PG44	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	98.6	268.2	8.5	1.52	1.55	0.12	144.3	144.5	3.5	83.1	124.2	f
PG44	BH	070726_0540	2.89	127.57	40	6.3	SKSac	98.8	74.1	8.5	1.41	1.42	0.15	120.1	119.2	3.6	85.7	314.2	f
PG44	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	92.4	277.8	9.5	1.60	1.61	0.09	147.6	147.7	2.6	82.0	130.5	f



PN11	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.7	293.8	10.3	null	-	-	-	-	-	-	f	
PN11	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.1	263.7	8.9	0.89	1.03	0.13	128.5	132.1	12.5	84.5	135.6	f
PN11	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.2	69.5	7.9	null	-	-	-	-	-	-	f	
PN11	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.3	46.6	9.1	0.47	0.93	0.84	125.0	119.8	18.2	84.8	281.9	p
PN13A	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.5	45.6	9.0	1.73	1.84	0.27	102.2	101.7	2.1	88.1	303.6	p
PN13A	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.2	270.3	9.3	0.87	0.98	0.24	126.1	124.1	11.1	84.6	144.6	f
PN13A	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.4	294.6	10.2	1.49	1.58	0.31	169.6	165.1	18.7	80.0	125.1	p
PN13A	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.3	51.1	7.9	0.66	0.67	0.05	112.0	111.8	1.4	87.0	299.3	g
PN13	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.4	301.1	9.8	null	-	-	-	-	-	-	f	
PN13	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.7	248.2	7.8	0.39	0.44	0.07	133.1	132.9	9.8	84.7	115.3	f
PN13	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.0	53.8	5.7	0.67	0.68	0.04	122.9	122.7	1.4	86.9	291.0	g
PN13	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.0	244.3	7.8	0.78	2.69	0.52	157.3	90.6	17.0	82.8	87.2	f
PN41	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.6	301.6	9.8	null	-	-	-	-	-	-	f	
PN41	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.1	294.7	10.1	1.25	1.73	0.42	82.6	130.3	43.8	88.7	31.9	p
PN41	SH	070928_1338	22.01	142.71	254	6.7	SKSac	93.3	47.4	9.2	0.51	0.55	0.10	62.7	61.6	8.4	85.8	164.4	f
PN42	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.8	302.0	9.8	0.50	0.66	0.18	147.9	147.6	17.0	81.7	154.5	f
PN43	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.0	302.7	9.6	0.85	0.94	0.10	106.0	105.2	2.2	87.4	196.9	p
PN43	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.6	295.7	10.1	0.94	2.19	0.98	99.1	85.5	25.6	88.4	196.7	p
PN43	SH	070928_1338	22.01	142.71	254	6.7	SKSac	92.4	48.5	9.4	null	-	-	-	-	-	-	g	
PN44	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.9	296.1	10.1	1.37	2.10	0.71	171.5	120.0	41.3	80.0	124.8	p
PN44	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.9	49.0	9.6	0.87	1.27	0.80	121.1	113.8	16.2	85.1	288.2	p
PN45	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.4	303.8	9.6	null	-	-	-	-	-	-	f	
PN45	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.1	296.8	10.0	0.56	2.58	0.64	13.2	74.5	47.2	80.3	103.4	p
PN45	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.4	49.6	9.6	1.44	1.81	0.57	110.8	107.2	7.5	86.6	299.1	p
PN46	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.6	304.3	9.6	1.28	1.27	0.17	155.7	155.5	3.7	81.2	148.9	p
PN46	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.9	50.0	9.7	1.09	1.11	0.12	103.6	103.7	2.3	87.7	306.6	f
PN47	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.8	304.8	9.6	0.85	1.03	0.52	160.1	153.9	22.6	80.9	145.0	p
PN47	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.6	297.8	10.0	1.11	1.82	0.82	165.6	123.4	41.0	80.4	132.4	p
PN47	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.5	50.6	9.7	null	-	-	-	-	-	-	f	
PN48	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.0	305.3	9.6	0.39	1.92	1.05	59.1	86.8	54.4	85.1	65.9	p
PN48	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.8	298.2	10.0	1.29	1.52	0.52	152.2	137.4	32.0	81.2	146.4	p
PN48	SH	070928_1338	22.01	142.71	254	6.7	SKSac	90.1	51.1	9.7	1.30	1.48	0.43	98.2	90.4	25.8	88.6	313.0	p
PN49	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.2	306.0	9.4	null	-	-	-	-	-	-	g	
PN49	SH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.1	298.9	9.8	0.93	1.86	1.03	158.8	127.1	40.9	80.9	140.4	p
PN49	SH	070928_1338	22.01	142.71	254	6.7	SKSac	89.6	51.7	9.9	null	-	-	-	-	-	-	g	
PP05	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.4	299.6	10.0	0.72	0.74	0.07	150.9	151.7	3.5	81.3	149.0	f
PP05	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.0	51.8	5.5	null	-	-	-	-	-	-	g	
PP05	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.4	44.0	8.8	null	-	-	-	-	-	-	g	
PP06	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.6	299.9	10.0	0.59	1.15	0.72	116.1	113.4	17.4	85.6	184.1	p
PP06	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.7	247.0	7.9	0.29	0.34	0.07	148.0	146.3	14.5	83.3	99.2	f
PP06	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.8	52.2	5.6	0.58	0.58	0.04	109.5	109.1	2.2	88.1	302.7	g
PP08	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.7	300.2	10.0	0.61	1.10	0.70	114.7	113.9	17.9	85.8	185.8	p
PP08	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.1	247.3	7.8	0.26	0.32	0.06	140.0	139.4	17.9	84.1	107.6	f
PP08	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.5	52.4	5.6	1.46	1.86	0.63	10.6	46.1	42.5	84.5	221.8	p
PP08	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.8	44.6	9.0	null	-	-	-	-	-	-	f	
PP08	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.5	269.4	9.4	1.65	1.65	0.13	110.3	110.7	2.0	86.7	159.3	p
PP08	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	87.6	293.6	10.3	0.53	0.55	0.06	134.1	133.3	8.0	82.8	160.0	f
PP10	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.0	300.9	10.0	null	-	-	-	-	-	-	f	
PP10	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.7	248.1	7.8	0.87	0.88	0.06	163.7	163.7	1.4	82.6	84.5	g
PP10	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.8	53.1	5.7	0.71	0.71	0.04	127.3	127.1	3.1	86.6	286.0	f
PP10	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.0	244.2	7.6	0.78	2.51	0.49	150.5	96.6	21.2	83.4	93.9	p
PP10	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.2	45.3	9.0	0.79	0.83	0.21	107.8	108.7	5.5	87.3	297.7	f
PP10	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.0	270.1	9.3	1.40	1.41	0.08	138.7	138.9	1.7	83.0	131.8	p
PP10	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.0	294.3	10.3	null	-	-	-	-	-	-	g	







PR42	SH	070928_1338	22.01	142.71	254	6.7	SKSac	92.6	47.3	9.4	1.02	2.25	0.90	6.4	40.6	41.3	80.7	220.8	p
PR44	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.3	302.3	9.8	1.40	1.99	0.75	97.1	70.4	42.5	88.8	205.3	p
PR44	SH	070928_1338	22.01	142.71	254	6.7	SKSac	92.0	48.1	9.6	0.44	0.45	0.07	75.3	75.3	2.6	87.6	152.6	f
PR45	SH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.6	303.0	9.8	0.87	0.88	0.14	113.4	114.1	4.3	86.1	189.9	p
PR45	SH	070928_1338	22.01	142.71	254	6.7	SKSac	91.3	48.8	9.6	0.82	2.79	0.37	170.1	120.2	35.4	80.6	238.8	p
PRU	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.3	301.2	9.6	0.51	0.55	0.07	38.0	39.2	10.5	82.4	82.8	f
PRU	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	103.1	247.9	7.8	0.96	0.97	0.13	155.2	155.1	5.4	83.0	92.9	g
PRU	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.9	54.7	5.6	1.88	2.15	0.51	164.0	144.4	35.4	84.6	250.8	p
PRU	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	102.3	244.0	7.8	0.97	1.00	0.21	153.0	152.3	7.3	83.1	91.3	g
PRU	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.6	45.8	8.8	1.17	1.17	0.08	138.3	138.1	1.9	83.4	267.9	g
PRU	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.6	294.3	10.1	0.53	0.55	0.09	69.3	69.1	4.5	86.4	44.7	f
PRU	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.3	264.0	8.9	1.02	1.04	0.28	114.5	117.7	9.9	86.3	149.8	f
PRU	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.4	70.2	7.9	0.78	0.93	0.32	109.1	110.4	11.6	87.4	321.3	p
PRU	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.3	273.8	10.0	0.64	0.95	0.40	129.0	126.4	20.2	83.7	145.2	f
PRU	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.9	47.1	9.1	1.16	1.18	0.08	132.0	131.8	3.8	83.9	275.4	g
PRU	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.1	31.2	9.0	1.37	1.39	0.12	126.5	127.0	3.7	84.7	265.0	f
PRU	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.8	46.4	8.5	1.70	1.72	0.23	130.5	130.4	4.9	84.5	276.2	f
PRU	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.3	270.3	9.3	0.67	1.08	0.31	129.0	130.7	23.6	84.2	141.6	p
PRU	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.1	294.7	10.0	0.66	0.65	0.12	72.1	71.4	3.9	86.9	42.3	f
PRU	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.3	51.5	7.8	1.08	1.08	0.05	131.4	131.3	3.0	84.9	280.4	g
PVCC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	91.1	301.2	9.6	1.49	1.53	0.24	9.3	9.2	1.8	80.5	111.8	f
PVCC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.5	47.1	9.1	1.33	1.33	0.05	120.6	120.8	1.5	85.4	286.8	g
PVCC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.9	294.7	10.2	null	-	-	-	-	-	-	-	f
ROC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.9	243.5	7.9	0.77	2.75	0.67	142.7	94.2	19.1	83.7	101.1	p
ROC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.8	45.2	8.8	1.33	1.33	0.07	124.2	124.1	1.5	85.1	281.3	g
ROC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.0	293.7	10.1	0.57	2.13	1.09	54.0	110.2	54.1	84.1	59.2	p
ROC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.8	263.5	9.1	1.79	2.31	0.18	134.4	132.3	8.2	83.6	129.4	p
ROC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	102.7	69.5	7.9	0.89	0.90	0.11	141.5	140.2	4.6	83.8	288.3	f
ROC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.8	273.2	10.2	2.37	2.55	0.19	100.4	100.0	2.1	88.2	173.0	p
ROC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.1	46.4	8.9	1.48	1.50	0.07	124.0	123.7	1.7	85.0	282.8	g
ROC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.2	29.5	9.0	1.86	1.89	0.08	108.5	108.0	1.5	87.2	281.2	p
ROC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.0	45.8	8.5	1.97	2.00	0.15	123.7	123.8	2.2	85.3	282.3	p
ROC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.8	269.7	9.4	1.40	1.41	0.23	137.8	138.7	6.4	83.0	132.3	f
ROC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.6	294.1	10.2	0.53	0.57	0.12	57.3	58.3	9.6	84.5	56.4	f
ROC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.5	50.8	7.8	1.39	1.41	0.14	122.6	119.2	3.6	85.8	288.4	f
SRPE	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.5	309.4	9.8	0.37	0.39	0.03	24.0	22.9	2.7	81.1	105.1	g
SRPE	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	111.3	258.2	6.7	0.65	0.66	0.06	112.6	112.4	2.8	87.4	145.8	g
SRPE	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	113.0	60.1	6.5	0.55	1.69	1.03	84.5	85.5	2.8	89.4	155.6	p
SRPE	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	111.0	254.1	6.8	3.00	2.97	0.06	73.3	73.0	1.0	88.1	0.7	p
SRPE	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.1	302.1	10.0	1.93	2.20	0.48	10.7	8.2	2.8	80.2	111.2	p
SRPE	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	101.2	273.4	8.0	0.98	2.18	0.93	104.9	111.5	31.5	87.9	168.7	p
SRPE	BH	070726_0540	2.89	127.57	40	6.3	SKSac	94.2	77.2	9.1	null	-	-	-	-	-	-	-	f
SRPE	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	93.7	282.1	9.3	null	-	-	-	-	-	-	-	g
SRPE	BH	070928_1338	22.01	142.71	254	6.7	SKSac	84.5	55.1	10.8	3.00	3.00	0.00	89.4	88.4	3.6	89.9	145.7	p
SRPE	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	142.1	38.2	9.6	0.95	2.51	0.74	93.6	100.2	47.4	89.4	304.6	p
SRPE	BH	071031_0330	18.96	145.38	222	6.1	SKSac	88.4	54.2	10.1	1.16	1.16	0.13	25.5	25.6	2.6	80.9	208.4	f
SRPE	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	98.2	279.3	8.5	0.51	1.88	1.07	123.2	89.6	64.6	85.4	156.4	p
SRPE	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.6	302.6	10.0	2.19	2.48	0.50	10.3	47.3	43.8	80.2	112.1	p
SUW	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.4	308.2	9.3	0.54	0.59	0.10	35.8	36.1	8.6	82.5	92.1	g
SUW	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	109.4	255.3	7.0	1.61	1.68	0.26	169.1	163.6	20.8	83.1	86.3	f
SUW	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	116.3	61.2	6.2	1.04	1.06	0.05	125.4	125.4	1.4	86.4	295.9	g
SUW	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	108.7	251.3	7.0	null	-	-	-	-	-	-	-	f
SUW	BH	070130_2137	21.17	144.76	52	6.3	SKSac	89.9	52.7	10.0	0.54	0.57	0.06	128.9	128.7	7.3	83.7	284.2	g
SUW	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.4	301.1	9.6	1.78	2.03	0.35	86.5	86.9	1.1	89.4	34.5	p

SUW	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	100.8	271.4	8.2	null	-	-	-	-	-	-	f	
SUW	BH	070726_0540	2.89	127.57	40	6.3	SKSac	96.1	76.6	8.8	null	-	-	-	-	-	-	f	
SUW	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	94.1	280.7	9.1	null	-	-	-	-	-	-	f	
SUW	BH	070928_1338	22.01	142.71	254	6.7	SKSac	88.2	53.9	10.1	0.55	0.72	0.33	121.0	120.9	12.8	84.8	293.3	f
SUW	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	146.7	41.3	9.4	0.82	0.83	0.06	124.0	124.2	2.7	84.8	277.7	g
SUW	BH	071031_0330	18.96	145.38	222	6.1	SKSac	92.1	53.3	9.4	1.02	1.50	0.67	105.4	103.5	7.2	87.5	308.1	p
SUW	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	98.3	277.5	8.5	null	-	-	-	-	-	-	f	
SUW	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	91.9	301.5	9.6	null	-	-	-	-	-	-	f	
SUW	BH	080509_2151	12.53	143.26	89	6.1	SKSac	96.6	58.3	8.8	0.58	0.64	0.13	132.2	129.5	11.7	84.1	286.4	f
TNS	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	87.8	296.5	10.3	null	-	-	-	-	-	-	f	
TNS	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	99.6	243.6	8.3	1.29	1.74	0.64	83.0	83.0	19.7	89.0	340.5	p
TNS	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	125.9	48.2	5.3	1.07	1.39	0.66	163.2	153.2	26.0	85.0	245.1	f
TNS	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	98.9	239.8	8.3	1.18	1.21	0.17	46.3	46.2	6.8	84.3	13.2	f
TNS	BH	070130_2137	21.17	144.76	52	6.3	SKSac	99.1	40.8	8.4	1.00	1.02	0.10	111.0	111.1	2.5	87.0	290.0	f
TREC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.2	301.9	9.4	0.53	0.97	0.72	18.2	23.0	22.5	81.0	103.4	p
TREC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	89.4	295.0	10.0	0.49	1.34	1.10	75.0	105.6	45.4	87.4	39.8	p
TREC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.9	47.9	9.1	1.42	1.45	0.08	115.4	115.3	2.2	86.1	292.8	g
TREC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.0	295.4	10.0	1.40	2.23	0.86	7.3	43.7	40.6	80.1	108.0	p
TREC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.2	52.5	7.8	1.82	2.08	0.47	101.9	101.9	4.1	88.4	310.7	p
VRAC	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	92.8	302.7	9.4	null	-	-	-	-	-	-	g	
VRAC	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	104.1	249.2	7.6	0.94	0.94	0.05	129.5	129.6	2.7	85.2	119.9	g
VRAC	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	122.2	57.1	5.6	1.28	1.31	0.06	108.8	108.8	1.2	88.2	308.4	g
VRAC	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	103.2	245.3	7.6	0.91	0.93	0.05	121.4	121.7	2.4	86.0	124.2	g
VRAC	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.1	47.6	8.8	1.24	1.27	0.10	103.3	103.0	1.5	88.0	304.4	g
VRAC	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	90.1	295.8	9.8	1.21	1.24	0.31	168.0	166.4	11.5	80.4	128.0	f
VRAC	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	96.5	265.5	8.8	0.94	0.96	0.05	140.5	141.1	2.8	83.2	125.3	g
VRAC	BH	070726_0540	2.89	127.57	40	6.3	SKSac	101.3	72.0	8.1	0.55	0.76	0.27	110.2	111.8	15.5	87.2	322.0	p
VRAC	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	90.7	275.3	9.8	0.97	0.99	0.03	135.8	136.4	2.8	83.0	140.0	g
VRAC	BH	070928_1338	22.01	142.71	254	6.7	SKSac	94.4	48.7	9.1	1.62	1.63	0.08	102.1	102.2	1.0	88.1	306.8	f
VRAC	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.0	35.7	9.0	0.59	1.62	1.05	108.4	104.6	29.3	87.2	287.5	f
VRAC	BH	071031_0330	18.96	145.38	222	6.1	SKSac	98.3	48.2	8.5	0.65	0.70	0.15	117.0	116.1	9.4	86.2	291.5	f
VRAC	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	94.6	271.8	9.1	1.00	1.00	0.06	137.3	137.0	3.5	83.3	134.9	g
VRAC	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	90.6	296.2	9.8	1.39	1.38	0.12	170.5	170.7	1.0	80.3	125.9	f
VRAC	BH	080509_2151	12.53	143.26	89	6.1	SKSac	102.6	53.4	7.9	1.64	1.66	0.19	102.2	101.9	1.5	88.3	311.3	f
VYHS	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	94.5	304.4	9.1	null	-	-	-	-	-	-	f	
VYHS	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	105.2	250.5	7.5	1.43	1.42	0.06	118.7	118.8	1.6	86.4	132.0	g
VYHS	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	121.4	59.7	5.7	2.82	2.93	0.12	110.0	110.7	3.5	88.1	309.8	p
VYHS	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	104.2	246.7	7.5	1.47	1.47	0.11	116.8	116.8	2.5	86.6	130.1	f
VYHS	BH	070130_2137	21.17	144.76	52	6.3	SKSac	95.5	49.4	9.0	2.12	2.14	0.13	101.3	101.5	0.9	88.3	308.2	p
VYHS	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.7	297.5	9.6	null	-	-	-	-	-	-	f	
VYHS	BH	070726_0540	2.89	127.57	40	6.3	SKSac	100.1	73.9	8.2	null	-	-	-	-	-	-	f	
VYHS	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	92.2	277.0	9.5	1.97	2.11	0.25	142.3	143.9	2.5	82.5	135.1	p
VYHS	BH	070928_1338	22.01	142.71	254	6.7	SKSac	93.8	50.5	9.2	2.24	2.24	0.10	100.9	101.0	1.0	88.3	309.8	p
VYHS	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	152.7	40.6	9.0	null	-	-	-	-	-	-	g	
VYHS	BH	071031_0330	18.96	145.38	222	6.1	SKSac	97.7	50.1	8.6	2.60	2.70	0.18	103.7	103.8	1.4	88.0	306.6	p
VYHS	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	96.1	273.4	8.8	1.22	1.22	0.04	145.3	145.1	1.0	82.8	128.4	g
VYHS	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	92.3	297.9	9.4	1.55	1.55	0.27	168.3	167.6	2.0	80.8	129.8	f
VYHS	BH	080509_2151	12.53	143.26	89	6.1	SKSac	101.9	55.4	8.1	1.25	1.23	0.17	111.9	112.0	3.7	87.0	303.7	f
WAR	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	93.5	306.4	9.3	null	-	-	-	-	-	-	f	
WAR	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	107.7	253.1	7.2	0.83	0.87	0.10	122.5	122.4	6.1	86.1	130.8	g
WAR	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	118.3	59.9	6.0	1.11	1.12	0.04	120.7	120.6	1.1	86.9	299.4	g
WAR	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	106.9	249.2	7.3	1.33	2.31	0.74	138.2	93.8	34.2	84.6	111.2	p
WAR	BH	070130_2137	21.17	144.76	52	6.3	SKSac	92.0	51.0	9.4	0.78	1.13	0.72	97.8	96.1	29.9	88.7	313.3	p
WAR	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	91.2	299.3	9.6	1.49	1.53	0.27	166.3	163.9	13.8	80.7	133.2	f

WAR	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	99.5	269.3	8.3	0.80	0.79	0.13	147.0	146.2	5.9	83.0	122.6	f
WAR	BH	070726_0540	2.89	127.57	40	6.3	SKSac	97.8	75.1	8.7	0.98	0.98	0.10	138.7	138.3	2.7	83.5	296.7	f
WAR	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	93.1	278.9	9.3	null	-	-	-	-	-	-	-	f
WAR	BH	070928_1338	22.01	142.71	254	6.7	SKSac	90.3	52.2	9.7	0.78	0.85	0.17	108.9	108.7	5.2	86.9	303.5	f
WAR	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	148.9	39.9	9.3	0.80	0.85	0.13	105.0	104.7	3.9	87.6	295.1	f
WAR	BH	071031_0330	18.96	145.38	222	6.1	SKSac	94.2	51.6	9.1	null	-	-	-	-	-	-	-	f
WAR	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	97.2	275.5	8.6	1.34	1.36	0.16	156.3	155.9	3.2	82.1	119.5	f
WAR	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	91.7	299.7	9.6	1.44	2.05	0.76	163.4	132.8	38.5	80.8	136.6	f
WAR	BH	080509_2151	12.53	143.26	89	6.1	SKSac	98.6	56.7	8.5	1.05	1.12	0.14	114.5	114.7	5.4	86.5	302.4	f
WDRB	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.8	299.5	10.0	null	-	-	-	-	-	-	-	f
WDRB	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.1	246.5	7.9	0.67	0.67	0.05	143.3	143.2	3.4	83.7	103.5	g
WDRB	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.6	52.1	5.5	0.94	0.97	0.11	126.4	126.7	4.4	86.8	285.9	f
WDRB	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.4	242.7	7.9	0.96	0.96	0.05	143.6	142.9	2.5	83.6	99.3	f
WEBG	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	89.8	299.8	10.0	1.29	1.30	0.09	162.8	162.8	2.2	80.5	137.2	f
WEBG	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	102.4	246.8	7.9	0.87	0.87	0.05	137.4	137.3	1.1	84.2	109.7	g
WEBG	BH	070130_2137	21.17	144.76	52	6.3	SKSac	96.7	44.3	8.8	2.30	2.39	0.19	99.4	99.3	1.2	88.6	305.0	p
WET	BH	060811_1430	18.54	-101.07	60	6.0	SKSac	90.8	299.9	9.8	null	-	-	-	-	-	-	-	f
WET	BH	060825_0044	-24.34	-67.01	185	5.8	SKSac	101.8	246.5	8.0	1.37	1.35	0.05	143.9	143.7	1.1	83.5	102.9	g
WET	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	124.3	53.5	5.4	1.36	1.36	0.09	139.3	139.7	3.8	85.9	274.3	g
WET	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	100.9	242.7	8.0	1.56	1.59	0.05	132.0	131.7	1.3	84.6	111.0	p
WET	BH	070130_2137	21.17	144.76	52	6.3	SKSac	98.0	44.6	8.7	1.41	1.40	0.02	136.6	136.5	1.4	83.7	268.3	g
WET	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	87.9	293.0	10.3	null	-	-	-	-	-	-	-	f
WET	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	94.1	262.7	9.1	1.50	1.51	0.14	156.7	156.8	3.1	81.7	106.3	f
WET	BH	070726_0540	2.89	127.57	40	6.3	SKSac	103.7	69.0	7.8	0.54	0.51	0.13	159.3	151.3	14.9	82.7	269.9	f
WET	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	88.3	272.5	10.2	0.70	0.76	0.09	125.3	125.6	10.1	84.1	147.7	f
WET	BH	070928_1338	22.01	142.71	254	6.7	SKSac	96.3	45.8	8.7	1.45	1.45	0.05	137.9	137.7	1.6	83.5	268.2	g
WET	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	154.4	28.9	8.9	1.06	1.07	0.16	139.3	138.5	4.4	83.2	249.9	f
WET	BH	071031_0330	18.96	145.38	222	6.1	SKSac	100.2	45.1	8.2	1.21	1.26	0.10	140.1	140.3	6.0	83.7	265.3	g
WET	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	92.2	269.0	9.4	1.30	1.32	0.18	157.0	157.3	3.5	81.3	112.3	f
WET	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	88.5	293.4	10.2	null	-	-	-	-	-	-	-	g
WET	BH	080509_2151	12.53	143.26	89	6.1	SKSac	104.6	50.2	7.6	1.28	1.26	0.07	131.3	131.2	1.8	85.0	279.2	g
ZVI	BH	061017_0125	-5.90	151.02	34	6.2	SKSac	123.4	54.6	5.5	1.20	1.23	0.23	155.4	154.3	7.8	85.0	259.3	f
ZVI	BH	061113_0126	-26.16	-63.29	582	6.2	SKSac	101.8	243.7	7.9	0.90	0.93	0.09	154.0	153.8	3.9	82.9	89.9	f
ZVI	BH	070130_2137	21.17	144.76	52	6.3	SKSac	97.1	45.6	8.7	0.76	0.78	0.06	123.2	122.8	3.8	85.3	282.7	g
ZVI	BH	070706_0109	16.62	-93.54	122	5.7	SKSac	88.6	294.0	10.1	null	-	-	-	-	-	-	-	g
ZVI	BH	070712_0523	-7.93	-74.32	152	5.8	SKSac	95.0	263.7	9.1	null	-	-	-	-	-	-	-	f
ZVI	BH	070910_0149	3.00	-77.90	29	6.0	SKSac	89.1	273.5	10.0	null	-	-	-	-	-	-	-	f
ZVI	BH	070928_1338	22.01	142.71	254	6.7	SKSac	95.4	46.8	8.9	0.83	0.85	0.05	136.7	136.6	4.2	83.5	270.5	g
ZVI	BH	071016_2105	-25.74	179.50	501	6.0	SKKSac	153.7	31.1	9.0	0.89	0.93	0.16	157.0	156.5	4.8	81.7	234.4	f
ZVI	BH	071031_0330	18.96	145.38	222	6.1	SKSac	99.3	46.2	8.3	1.09	1.10	0.11	118.6	120.5	4.8	86.0	287.9	f
ZVI	BH	071116_0313	-2.34	-77.79	124	6.3	SKSac	93.1	270.0	9.3	0.39	0.45	0.08	124.0	123.9	12.4	84.8	146.3	p
ZVI	BH	080212_1250	16.43	-94.24	86	5.9	SKSac	89.1	294.4	10.0	null	-	-	-	-	-	-	-	g
ZVI	BH	080509_2151	12.53	143.26	89	6.1	SKSac	103.8	51.3	7.8	0.61	0.62	0.04	130.7	130.4	6.3	84.9	280.9	f