









347	M31_P12_N4	3004/3047	2019/6/3	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:41:05.40	+41:47:26.4	
348	2MASX_J07380615+2823592	2019a-023-S	2019/6/3	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	07:38:06.15	+28:23:59.2	
349	Dec-0955	3004	2019/6/3	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-09:55:01.8	
350	Dec-0955	3049	2019/6/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-09:55:01.8	
351	Dec-0932	3004	2019/6/4	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-09:32:45.6	
352	Dec-0932	3049	2019/6/4	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-09:32:45.6	
353	600024	2019a-012-S	2019/6/5	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	08:53:46.5	+00:12:52.4	
354	Dec-1315	3004	2019/6/6	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-13:15:27.6	
355	Dec-1315	3049	2019/6/6	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-13:15:27.6	
356	Dec-1315	3004	2019/6/7	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-13:15:27.6	
357	Dec-1315	3049	2019/6/7	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-13:15:27.6	
358	M31_P16_N1	3004/3047	2019/6/8	19波束接收机	beam1-beam19	psr	Tracking	00:39:13.65	+41:31:50.4	
359	M31_P16_N1	3004/3047	2019/6/8	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:13.65	+41:31:50.4	
360	M31_P21_N1	3004/3047	2019/6/8	19波束接收机	beam1-beam19	psr	Tracking	00:37:21.20	+40:00:50.4	
361	M31_P21_N1	3004/3047	2019/6/8	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:37:21.20	+40:00:50.4	
362	HESS_J0632+057	2019a-097-P	2019/6/8	19波束接收机	beam1-beam19	spec(W+N)	Tracking	06:32:59.26	+05:48:01.2	
363	Dec-1337	3004	2019/6/8	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-13:37:43.8	
364	Dec-1337	3049	2019/6/8	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-13:37:43.8	
365	Dec-1400	3004	2019/6/9	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-14:00:0.0	
366	Dec-1400	3049	2019/6/9	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-14:00:0.0	
367	M31_P21_N2	3004/3047	2019/6/10	19波束接收机	beam1-beam19	psr	Tracking	00:37:21.20	+40:00:50.4	
368	M31_P21_N2	3004/3047	2019/6/10	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:37:21.20	+40:00:50.4	
369	M31_P21_N3	3004/3047	2019/6/10	19波束接收机	beam1-beam19	psr	Tracking	00:37:36.87	+40:00:50.4	
370	M31_P21_N3	3004/3047	2019/6/10	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:37:36.87	+40:00:50.4	
371	FRB121102	2019a-130-P	2019/6/10	19波束接收机	beam1-beam19	psr	Tracking	05:31:58.7	+33:08:52.5	
372	219701	2019a-012-S	2019/6/10	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	11:54:47.7	+01:28:25.4	
373	Dec-0910	3004	2019/6/10	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-09:10:29.4	
374	Dec-0910	3049	2019/6/10	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-09:10:29.4	
375	Dec-1337	3004	2019/6/11	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-13:37:43.8	
376	Dec-1337	3049	2019/6/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-13:37:43.8	
377	G232.12+74.35	3055	2019/6/11	19波束接收机	beam1-beam19	psr	Snapshot	11:05:52.80	+28:41:24.0	
378	G232.12+74.35	3055	2019/6/11	19波束接收机	beam1-beam19	spec(W)	Snapshot	11:48:02.40	+21:06:36.4	
379	M31_P01_N1	3004/3047	2019/6/12	19波束接收机	beam1-beam19	psr	Tracking	00:46:46.19	+42:34:14.4	
380	M31_P01_N1	3004/3047	2019/6/12	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:46:46.19	+42:34:14.4	
381	Dec-0848	3004	2019/6/12	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-08:48:13.2	
382	Dec-0848	3049	2019/6/12	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-08:48:13.2	
383	219701	2019a-012-S	2019/6/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	11:54:47.7	+01:28:25.4	
384	J0218+4232	2019a-109-P	2019/6/13	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3	
385	J0433+2905	2019a-109-P	2019/6/13	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5	
386	Dec-0825	3004	2019/6/13	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-08:25:57.0	
387	Dec-0825	3049	2019/6/13	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-08:25:57.0	
388	J1022+1001	2019a-109-P	2019/6/13	19波束接收机	beam1	psr	Tracking	10:22:58.00	+10:01:52.8	
389	219701	2019a-012-S	2019/6/13	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	11:54:47.7	+01:28:25.4	
390	J0203+0150	2019a-082-P	2019/6/14	19波束接收机	beam1	psr	Tracking	02:03:32.00	-01:50:13.0	
391	J0218+4232	2019a-109-P	2019/6/14	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3	
392	J0433+2905	2019a-109-P	2019/6/14	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5	
393	J0631+4142	3045	2019/6/14	19波束接收机	beam1-beam19	psr	Snapshot	06:31:40.00	+41:42:58.0	
394	J0924+6102	3045	2019/6/14	19波束接收机	beam1-beam19	psr	Tracking	09:24:25.00	+61:02:58.0	
395	219701	2019a-012-S	2019/6/14	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	11:54:47.7	+01:28:25.4	
396	J1243+3946	2019a-082-P	2019/6/14	19波束接收机	beam1	psr	Tracking	12:43:20.00	+39:46:00.0	
397	Dec-0824	3004	2019/6/14	19波束接收机	beam1	psr	DriftWithAngle	05:20:00.00	-08:24:28.5	
398	Dec-0824	3049	2019/6/14	19波束接收机	beam1	spec(W+N)	DriftWithAngle	05:20:00.00	-08:24:28.5	
399	J0218+4232	2019a-109-P	2019/6/15	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3	
400	J0433+2905	2019a-109-P	2019/6/15	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5	
401	219701	2019a-012-S	2019/6/15	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	11:54:47.7	+01:28:25.4	
402	Dec-0823	3004	2019/6/15	19波束接收机	beam1	psr	DriftWithAngle	05:20:00.00	-08:23:00.0	
403	Dec-0823	3049	2019/6/15	19波束接收机	beam1	spec(W+N)	DriftWithAngle	05:20:00.00	-08:23:00.0	
404	M31_P01_N2	3004/3047	2019/6/16	19波束接收机	beam1-beam19	psr	Tracking	00:46:38.20	+42:36:50.4	
405	M31_P01_N2	3004/3047	2019/6/16	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:46:38.20	+42:36:50.4	
406	M31_P01_N3	3004/3047	2019/6/16	19波束接收机	beam1-beam19	psr	Tracking	00:46:54.50	+42:36:50.4	
407	M31_P01_N3	3004/3047	2019/6/16	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:46:54.50	+42:36:50.4	
408	B0355+54	3055	2019/6/16	19波束接收机	beam1-beam19	psr	Tracking	03:58:53.7238	+54:13:13.784	
409	B0355+54	3055	2019/6/16	19波束接收机	beam1-beam19	spec(W)	Tracking	03:58:53.7238	+54:13:13.784	
410	3C147	3055	2019/6/16	19波束接收机	beam1-beam19	psr	SnapShot	05:42:36	+49:51:07	
411	3C147	3055	2019/6/16	19波束接收机	beam1-beam19	spec(W)	SnapShot	05:42:36	+49:51:07	
412	219701	2019a-012-S	2019/6/16	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	11:54:47.7	+01:28:25.4	
413	Dec-0821	3004	2019/6/16	19波束接收机	beam1	psr	DriftWithAngle	05:20:00.00	-08:21:31.5	
414	Dec-0821	3049	2019/6/16	19波束接收机	beam1	spec(W+N)	DriftWithAngle	05:20:00.00	-08:21:31.5	
415	Dec-0820	3004	2019/6/17	19波束接收机	beam1	psr	DriftWithAngle	05:20:00.00	-08:20:03.0	
416	Dec-0820	3049	2019/6/17	19波束接收机	beam1	spec(W+N)	DriftWithAngle	05:20:00.00	-08:20:03.0	
417	M31_P01_N4	3004/3047	2019/6/18	19波束接收机	beam1-beam19	psr	Tracking	00:47:02.48	+42:34:14.4	
418	M31_P01_N4	3004/3047	2019/6/18	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:47:02.48	+42:34:14.4	
419	M31_P02_N1	3004/3047	2019/6/18	19波束接收机	beam1-beam19	psr	Tracking	00:46:44.62	+42:08:14.4	
420	M31_P02_N1	3004/3047	2019/6/18	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:46:44.62	+42:08:14.4	
421	FRB121102	2019a-130-P	2019/6/18	19波束接收机	beam1-beam19	psr	Tracking	05:31:58.7	+33:08:52.5	
422	SN2018evt	2019a-126-C	2019/6/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1	
423	Dec-0818	3004	2019/6/18	19波束接收机	beam1	psr	DriftWithAngle	05:20:00.00	-08:18:34.5	
424	Dec-0818	3049	2019/6/18	19波束接收机	beam1	spec(W+N)	DriftWithAngle	05:20:00.00	-08:18:34.5	
425	M31_P02_N2	3004/3047	2019/6/19	19波束接收机	beam1-beam19	psr	Tracking	00:46:36.68	+42:10:50.4	
426	M31_P02_N2	3004/3047	2019/6/19	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:46:36.68	+42:10:50.4	
427	M31_P02_N3	3004/3047	2019/6/19	19波束接收机	beam1-beam19	psr	Tracking	00:46:52.87	+42:10:50.4	
428	M31_P02_N3	3004/3047	2019/6/19	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:46:52.87	+42:10:50.4	
429	Dec-0817	3004	2019/6/19	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-08:17:06.0	
430	Dec-0817	3049	2019/6/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-08:17:06.0	
431	M31_P02_N4	3004/3047	2019/6/20	19波束接收机	beam1-beam19	psr	Tracking	00:47:00.80	+42:08:14.4	
432	M31_P02_N4	3004/3047	2019/6/20	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:47:00.80	+42:08:14.4	
433	M31_P03_N1	3004/3047	2019/6/20	19波束接收机	beam1-beam19	psr	Tracking	00:46:43.09	+41:42:14.4	









695	J1518+4904	2019a-106-P	2019/7/10	19波束接收机	beam1	psr	Tracking	15:18:16.832	+49:04:34.19		
696	J1627.7+3219	2019a-081-P	2019/7/10	19波束接收机	beam1	psr	Tracking	16:27:45.60	+32:19:16.7		
697	19C14-1	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	18:10:51.00	-06:15:00.0		
698	19C14-2	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	18:11:03.07	-06:15:00.0		
699	19C15-1	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	18:09:52.00	-06:42:35.0		
700	19C15-2	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	18:09:58.04	-06:45:11.0		
701	19C16-1	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	18:53:19.00	-06:20:00.0		
702	19C16-2	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	18:53:25.03	-06:22:36.0		
703	19C38-1	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	19:12:07.00	-09:53:34.0		
704	19C38-2	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	19:12:13.00	-09:56:10.0		
705	19C37-1	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	19:38:52.00	-09:40:30.0		
706	19C37-2	3045	2019/7/10	19波束接收机	beam1-beam19	psr	Tracking	19:38:45.90	-09:43:06.0		
707	SPRC1	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	00:09:11.58	-00:36:54.7		
708	PRCB1	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	00:46:24.22	-13:26:32.5		
709	PRCB1_NE	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	00:46:26.12	-13:26:06.2		
710	SPRC4	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	02:42:58.42	-00:57:09.3		
711	A399p1&p2&p3&p4	3053	2019/7/11	19波束接收机	beam1-beam19	spec(W)	DriftWithAngle	02:58:30.00	+14:03:48.0		
712	Dec-0131	3004	2019/7/11	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-01:31:48.9		
713	Dec-0131	3049	2019/7/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-01:31:48.9		
714	SPRC201	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	11:23:38.65	+53:50:31.6		
715	SPRC27	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	11:44:44.02	+23:09:45.0		
716	SPRC260	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	11:45:30.26	+09:43:44.8		
717	SPRC33	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	12:19:30.57	+14:52:39.6		
718	PRCA4	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	12:27:41.86	+28:41:53.1		
719	SPRC37	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	12:53:09.75	+49:48:32.5		
720	PRCB16	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	13:24:14.94	-10:39:15.4		
721	SPRC39	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	13:08:16.92	+45:22:35.2		
722	SPRC40	2019a-047-S	2019/7/11	19波束接收机	beam1-beam19	spec(W)	ON-OFF	13:11:31.46	+36:16:54.6		
723	J0203-0150	2019a-082-P	2019/7/12	19波束接收机	beam1	psr	Tracking	02:03:32.00	-01:50:13.00		
724	FRB121102	2019a-130-P	2019/7/12	19波束接收机	beam1-beam19	psr	Tracking	05:31:58.7	+33:08:52.5		
725	J0631+4142	2019a-082-P	2019/7/12	19波束接收机	beam1	psr	Tracking	06:31:58.8	+41:47:42.6		
726	Dec-0109	3004	2019/7/12	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-01:09:32.7		
727	Dec-0109	3049	2019/7/12	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-01:09:32.7		
728	superclstrp	3053	2019/7/12	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	12:47:40.00	27:09:29.0		
729	SN2018evt	2019a-126-C	2019/7/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
730	J0357+3205	2019a-107-P	2019/7/13	19波束接收机	beam1	psr	Tracking	03:57:55.16	+32:05:23.6		
731	S225	2019a-048-S	2019/7/13	19波束接收机	beam1-beam19	spec(W)	ON-OFF	06:12:53.99	+17:59:23.7		
732	Dec-0047	3004	2019/7/13	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-00:47:16.5		
733	Dec-0047	3049	2019/7/13	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-00:47:16.5		
734	Lockman_Hole	2019a-016-S	2019/7/13	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+54:10:01.2		
735	MaNGA-130-8952-9101	2019a-013-S	2019/7/13	19波束接收机	beam1	spec(W+N)	ON-OFF	13:38:31.6	+26:06:19.7		
736	MaNGA-432-8481-6103	2019a-013-S	2019/7/13	19波束接收机	beam1	spec(W+N)	ON-OFF	15:53:08.7	+54:08:50.1		
737	MaNGA-233-9049-12701	2019a-013-S	2019/7/13	19波束接收机	beam1	spec(W+N)	ON-OFF	16:26:28.7	+24:01:32.6		
738	Dec-0025	3004	2019/7/14	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-00:25:00.3		
739	Dec-0025	3049	2019/7/14	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-00:25:00.3		
740	MaNGA-110-8145-1902	2019a-013-S	2019/7/14	19波束接收机	beam1	spec(W+N)	ON-OFF	07:48:11.0	+28:13:49.0		
741	MaNGA-200-8149-12701	2019a-013-S	2019/7/14	19波束接收机	beam1	spec(W+N)	ON-OFF	08:01:04.8	+26:48:08.8		
742	MaNGA-400-8725-9101	2019a-013-S	2019/7/14	19波束接收机	beam1	spec(W+N)	ON-OFF	08:27:18.0	+46:01:57.4		
743	MaNGA-300-8442-12705	2019a-013-S	2019/7/14	19波束接收机	beam1	spec(W+N)	ON-OFF	13:17:30.6	+31:05:33.7		
744	Lockman_Hole	2019a-016-S	2019/7/14	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+54:10:01.2		
745	MaNGA-330-8330-12702	2019a-013-S	2019/7/14	19波束接收机	beam1	spec(W+N)	ON-OFF	13:35:24.7	+38:05:42.5		
746	MaNGA-100-9029-12702	2019a-013-S	2019/7/14	19波束接收机	beam1	spec(W+N)	ON-OFF	16:29:00.4	+41:17:03.3		
747	DA495	2019a-102-P	2019/7/14	19波束接收机	beam1	psr	Tracking	19:52:17.04	+29:25:52.5		
748	M31_P22_N1	3004/3047	2019/7/15	19波束接收机	beam1-beam19	psr	Tracking	00:39:16.88	+40:34:38.4		
749	M31_P22_N1	3004/3047	2019/7/15	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:16.88	+40:34:38.4		
750	Dec-0002	3004	2019/7/15	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	-00:02:44.1		
751	Dec-0002	3049	2019/7/15	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	-00:02:44.1		
752	J07380615+2823592	2019a-023-S	2019/7/15	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	07:38:06.15	+28:23:59.2		
753	19C25	3045	2019/7/15	19波束接收机	beam1	psr	Tracking	09:25:38.54	+61:02:58.0		
754	19C51	3045	2019/7/15	19波束接收机	beam1-beam19	psr	ON-OFF	18:24:12.00	-06:22:02.0		
755	19C4	3045	2019/7/15	19波束接收机	beam1-beam19	psr	ON-OFF	19:29:18.00	01:29:36.0		
756	19C14	3045	2019/7/15	19波束接收机	beam1	psr	Tracking	18:11:20.57	-06:22:42.6		
757	19C16	3045	2019/7/15	19波束接收机	beam1	psr	Tracking	18:11:20.57	-06:22:42.6		
758	19C38	3045	2019/7/15	19波束接收机	beam1	psr	Tracking	19:12:07.00	-09:53:34.0		
759	CTB87	2019a-102-P	2019/7/15	19波束接收机	beam1	psr	Tracking	20:16:09.20	+37:11:10.5		
760	M31_P22_N2	3004/3047	2019/7/16	19波束接收机	beam1-beam19	psr	Tracking	00:39:08.83	+40:37:14.4		
761	M31_P22_N2	3004/3047	2019/7/16	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:08.83	+40:37:14.4		
762	FRB180301	2019a-129-P	2019/7/16	19波束接收机	beam1-beam19	psr	Tracking	06:12:43	+04:33:45		
763	MaNGA1	2019a-007-S	2019/7/16	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	09:21:38.7	+43:43:34.2		
764	MaNGA2	2019a-007-S	2019/7/16	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	09:31:06.7	+49:04:47.1		
765	Lockman_Hole	2019a-016-S	2019/7/16	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+54:41:24.0		
766	SN2018evt	2019a-126-C	2019/7/16	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
767	MaNGA-41x-9868-6103	2019a-013-S	2019/7/16	19波束接收机	beam1	spec(W+N)	ON-OFF	14:34:39.0	+47:58:06.0		
768	HESS_J1832-093	2019a-102-P	2019/7/16	19波束接收机	beam1	psr	Tracking	18:32:45.04	-09:21:53.9		
769	Dec+0019	3004	2019/7/16	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+00:19:32.1		
770	Dec+0019	3049	2019/7/16	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+00:19:32.1		
771	M31_P22_N3	3004/3047	2019/7/17	19波束接收机	beam1-beam19	psr	Tracking	00:39:24.64	+40:37:14.4		
772	M31_P22_N3	3004/3047	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:24.64	+40:37:14.4		
773	L1544_CAL1	2019a-021-S	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	Tracking	05:04:09.3	+25:14:08		
774	L1544	2019a-021-S	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	05:04:09.3	+25:14:08		
775	L1544_CAL2	2019a-021-S	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	Tracking	05:04:09.3	+25:14:08		
776	Lockman_Hole	2019a-016-S	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+54:57:07.2		
777	Dec+0041	3004	2019/7/17	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+00:41:48.3		
778	Dec+0041	3049	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+00:41:48.3		
779	SN2018evt	2019a-126-C	2019/7/17	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
780	M14	2019a-114-P	2019/7/17	19波束接收机	beam1-beam19	psr	Tracking	17:37:36	-03:14:45.3		
781	M31_P22_N4	3004/3047	2019/7/18	19波束接收机	beam1-beam19	psr	Tracking	00:39:32.68	+40:34:38.4		

782	M31_P22_N4	3004/3047	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:32.68	+40:34:38.4		
783	J0203-0150	2019a-082-P	2019/7/18	19波束接收机	beam1	psr	Tracking	02:03:32.00	-01:50:13.00		
784	J0631+4142	2019a-082-P	2019/7/18	19波束接收机	beam1	psr	Tracking	06:31:58.8	+41:47:42.6		
785	Dec+0104	3004	2019/7/18	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+01:04:04.5		
786	Dec+0104	3049	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+01:04:04.5		
787	Lockman_Hole	2019a-016-S	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+55:12:50.4		
788	IC3663	2019a-003-S	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	12:41:39.00	+12:14:51.0		
789	EVCC1207	2019a-003-S	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	12:52:34.00	+12:15:27.0		
790	UGC7854	2019a-003-S	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	12:41:52.00	+09:24:10.0		
791	SN2018evt	2019a-126-C	2019/7/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
792	M14	2019a-114-P	2019/7/18	19波束接收机	beam1-beam19	psr	Tracking	17:37:36	-03:14:45.3		
793	Dec+0126	3004/3049	2019/7/19	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+01:26:20.7		
794	Dec+0126	3004/3049	2019/7/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+01:26:20.7		
795	Lockman_Hole	2019a-016-S	2019/7/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+55:28:33.6		
796	SN2018evt	2019a-126-C	2019/7/19	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
797	M14	2019a-114-P	2019/7/19	19波束接收机	beam1	psr	Tracking	17:37:36	-03:14:45.3		
798	M31_P23_N1	3004/3047	2019/7/20	19波束接收机	beam1-beam19	psr	Tracking	00:39:18.29	+40:08:38.4		
799	M31_P23_N1	3004/3047	2019/7/20	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:18.29	+40:08:38.4		
800	J0218+4232&OFF	2019a-109-P	2019/7/20	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
801	J0340+4130&OFF	2019a-109-P	2019/7/20	19波束接收机	beam1	psr	Tracking	03:40:23.29	+41:30:45.3		
802	J0433+2905&OFF	2019a-109-P	2019/7/20	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
803	FRB121102	2019a-130-P	2019/7/20	19波束接收机	beam1-beam19	psr	Tracking	05:31:58.7	+33:08:52.5		
804	J0631+4142	2019a-082-P	2019/7/20	19波束接收机	beam1	psr	Tracking	06:31:58.8	+41:47:42.6		
805	J1012+5307&OFF	2019a-109-P	2019/7/20	19波束接收机	beam1	psr	Tracking	10:12:33.44	+53:07:02.3		
806	J1022+1001&OFF	2019a-109-P	2019/7/20	19波束接收机	beam1	psr	Tracking	10:22:58.00	+10:01:52.8		
807	Dec+0148	3004/3049	2019/7/20	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+01:48:36.9		
808	Dec+0148	3004/3049	2019/7/20	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+01:48:36.9		
809	SN2018evt	2019a-126-C	2019/7/20	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
810	M13	2019a-084-P	2019/7/20	19波束接收机	beam1	psr	Tracking	16:41:41.24	+36:27:35.5		
811	J1916+1023	2019a-057-P	2019/7/20	19波束接收机	beam1	psr	Tracking	19:16:36.9	+10:23:03		
812	J0218+4232&OFF	2019a-109-P	2019/7/21	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
813	J0433+2905&OFF	2019a-109-P	2019/7/21	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
814	0603+219	2019a-030-S	2019/7/21	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping	08:01:51.56	+21:49:24.5		
815	J0631+4142	2019a-082-P	2019/7/21	19波束接收机	beam1	psr	Tracking	06:31:58.8	+41:47:42.6		
816	PFUDS1	2019a-030-S	2019/7/21	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping	08:16:07.21	+21:55:48.0		
817	Lockman_Hole	2019a-016-S	2019/7/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+55:44:16.8		
818	Dec+0210	3004/3049	2019/7/21	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+02:10:53.1		
819	Dec+0210	3004/3049	2019/7/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+02:10:53.1		
820	SN2018evt	2019a-126-C	2019/7/21	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
821	M13	2019a-084-P	2019/7/21	19波束接收机	beam1	psr	Tracking	16:41:41.24	+36:27:35.5		
822	NGC6712	2019a-114-P	2019/7/21	19波束接收机	beam1-beam19	psr	Tracking	18:53:04	-08:42:22		
823	J0218+4232&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
824	J0433+2905&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
825	J0613-0200&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	06:13:43.98	-02:00:47.2		
826	J0621+1002&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	06:21:22.10	+10:02:38.7		
827	J0751+1807&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	07:51:09.10	+18:07:38.6		
828	Dec+0233	3004/3049	2019/7/22	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+02:33:09.3		
829	Dec+0233	3004/3049	2019/7/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+02:33:09.3		
830	Lockman_Hole	2019a-016-S	2019/7/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+56:47:09.6		
831	SN2018evt	2019a-126-C	2019/7/22	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
832	J1453+1902&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	14:53:45.72	+19:02:12.1		
833	J1741+1351&OFF	2019a-109-P	2019/7/22	19波束接收机	beam1	psr	Tracking	17:41:31.14	+13:51:44.1		
834	NGC6712	2019a-114-P	2019/7/22	19波束接收机	beam1	psr	Tracking	18:53:04	-08:42:22		
835	J0218+4232&OFF	2019a-109-P	2019/7/23	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
836	J0433+2905&OFF	2019a-109-P	2019/7/23	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
837	J0636+5129&OFF	2019a-109-P	2019/7/23	19波束接收机	beam1	psr	Tracking	06:36:04.85	+51:28:59.9		
838	J0645+5158&OFF	2019a-109-P	2019/7/23	19波束接收机	beam1	psr	Tracking	06:45:59.08	+51:58:14.9		
839	Lockman_Hole	2019a-016-S	2019/7/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+56:00:00.0		
840	SN2018evt	2019a-126-C	2019/7/23	19波束接收机	beam1	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
841	M13	2019a-084-P	2019/7/23	19波束接收机	beam1	psr	Tracking	16:41:41.24	+36:27:35.5		
842	NGC6712	2019a-114-P	2019/7/23	19波束接收机	beam1	psr	Tracking	18:53:04	-08:42:22		
843	Dec+0255	3004/3049	2019/7/23	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+02:55:25.5		
844	Dec+0255	3004/3049	2019/7/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+02:55:25.5		
845	J0218+4232&OFF	2019a-109-P	2019/7/24	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
846	J0433+2905&OFF	2019a-109-P	2019/7/24	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
847	Lockman_Hole	2019a-016-S	2019/7/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+56:15:43.2		
848	Dec+0317	3004/3049	2019/7/24	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+03:17:41.7		
849	Dec+0317	3004/3049	2019/7/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+03:17:41.7		
850	SN2018evt	2019a-126-C	2019/7/24	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
851	NGC6517	2019a-114-P	2019/7/24	19波束接收机	beam1	psr	Tracking	18:01:51	-08:57:32		
852	J0218+4232&OFF	2019a-109-P	2019/7/25	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
853	J0433+2905&OFF	2019a-109-P	2019/7/25	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
854	J0203-0150	2019a-082-P	2019/7/25	19波束接收机	beam1	psr	Tracking	02:03:32.00	-01:50:13.00		
855	0603+219	2019a-030-S	2019/7/25	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping	08:01:51.56	+21:49:24.5		
856	PFUDS1	2019a-030-S	2019/7/25	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping	08:16:07.21	+21:55:48.0		
857	FRB121102	2019a-130-P	2019/7/25	19波束接收机	beam1-beam19	psr	Tracking	05:31:58.7	+33:08:52.5		
858	J0631+4142	2019a-082-P	2019/7/25	19波束接收机	beam1	psr	Tracking	06:31:58.8	+41:47:42.6		
859	Lockman_Hole	2019a-016-S	2019/7/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	10:45:00.00	+56:31:26.4		
860	SN2018evt	2019a-126-C	2019/7/25	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
861	Dec+0339	3004/3049	2019/7/25	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+03:39:57.9		
862	Dec+0339	3004/3049	2019/7/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+03:39:57.9		
863	J1811-0622	2019a-082-P	2019/7/25	19波束接收机	beam1	psr	Tracking	18:11:20.6	-06:22:42.6		
864	J1824-0622	2019a-082-P	2019/7/25	19波束接收机	beam1	psr	Tracking	18:24:12.0	-06:22:02.0		
865	J1912-0953	2019a-082-P	2019/7/25	19波束接收机	beam1	psr	Tracking	19:12:07.0	-09:53:34.0		
866	NGC6517	2019a-114-P	2019/7/25	19波束接收机	beam1	psr	Tracking	18:01:51	-08:57:32		
867	J0218+4232&OFF	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	03:40:23.29	+41:30:45.3		
868	J0340+4130&OFF	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	03:40:23.29	+41:30:45.3		

869	J0433+2905&OFF	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
870	J0521+2112	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	05:21:45.96	+21:12:51.4		
871	J0534+2200	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	05:34:31.97	+22:00:52.1		
872	J07380615+2823592	2019a-023-S	2019/7/26	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	07:38:06.15	+28:23:59.2		
873	J1012+5307&OFF	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	10:12:33.44	+53:07:02.3		
874	J1022+1001&OFF	2019a-109-P	2019/7/26	19波束接收机	beam1	psr	Tracking	10:22:58.00	+10:01:52.8		
875	SN2018evt	2019a-126-C	2019/7/26	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF	13:46:39.18	-09:38:36.1		
876	Dec+0402	3004/3049	2019/7/26	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+04:02:14.1		
877	Dec+0402	3004/3049	2019/7/26	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+04:02:14.1		
878	J1811-0622	2019a-082-P	2019/7/26	19波束接收机	beam1	psr	Tracking	18:11:20.6	-06:22:42.6		
879	NGC6517	2019a-114-P	2019/7/26	19波束接收机	beam1	psr	Tracking	18:01:51	-08:57:32		
880	J1824-0622	2019a-082-P	2019/7/26	19波束接收机	beam1	psr	Tracking	18:24:12.0	-06:22:02.0		
881	J1912-0953	2019a-082-P	2019/7/26	19波束接收机	beam1	psr	Tracking	19:12:07.0	-09:53:34.0		
882	M31_P23_N4	3004/3047	2019/7/27	19波束接收机	beam1-beam19	psr	Tracking	00:39:34.00	+40:08:38.4		
883	M31_P23_N4	3004/3047	2019/7/27	19波束接收机	beam1-beam19	spec(W+N)	Tracking	00:39:34.00	+40:08:38.4		
884	J0218+4232&OFF	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	02:18:06.30	+42:32:17.3		
885	J0433+2905&OFF	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	04:33:38.00	+29:05:55.5		
886	J0453+1559	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	04:53:45.4	+15:59:21.3		
887	J1411+2551	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	14:11:18.8	+25:51:08.3		
888	J1518+4904	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	15:18:16.7	+49:04:34.2		
889	J1537+1155	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	15:37:09.9	+11:55:55.4		
890	J1738+0333&OFF	2019a-109-P	2019/7/27	19波束接收机	beam1	psr	Tracking	17:38:53.97	+03:33:10.9		
891	J1811-0622	2019a-082-P	2019/7/27	19波束接收机	beam1	psr	Tracking	18:11:20.6	-06:22:42.6		
892	J1824-0622	2019a-082-P	2019/7/27	19波束接收机	beam1	psr	Tracking	18:24:12.0	-06:22:02.0		
893	J1912-0953	2019a-082-P	2019/7/27	19波束接收机	beam1	psr	Tracking	19:12:07.0	-09:53:34.0		
894	Dec+0424	3004/3049	2019/7/27	19波束接收机	beam1-beam19	psr	DriftWithAngle	05:20:00.00	+04:24:30.3		
895	Dec+0424	3004/3049	2019/7/27	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle	05:20:00.00	+04:24:30.3		