

**Syowa Station All-Sky Camera Observation Data List in 1980 by JARE-21**

OVD ID	START			STOP			100feet
	Date	Time	address	Date	Time	address	Roll-No.
008001	03/21	17:43:00	00001	03/22	01:00:30	00876	80-001
	03/22	22:37:00	00878	03/23	01:29:30	01220	
	04/04	17:55:00	01222	04/04	23:03:30	01838	-002
	04/10	00:40:00	01840	04/10	01:08:30	01897	
	04/10	21:29:00	01900	04/11	01:50:30	02630	
	04/12	20:08:00	02632	04/13	01:15:30	03206	-003
	04/13	08:32:00	03208	04/13	22:49:30	03679	
	04/14	22:22:00	03681	04/15	02:44:30	04203	-004
	04/15	22:37:00	04205	04/16	01:59:30	04574	
	04/16	23:35:00	04576	04/17	00:45:30	04717	
	04/18	02:40:00	04719	04/18	03:14:30	04788	
	04/18	21:50:00	04790	04/19	03:00:30	05411	-005
	04/21	20:32:00	05413	04/22	01:05:30	05951	
	04/24	23:55:00	05953	04/25	03:34:30	06380	-006
	04/27	22:59:00	06382	04/27	23:17:30	06418	
	05/05	23:14:00	06422	05/06	04:27:30	07048	
	05/06	20:02:00	07050	05/07	01:18:50	08317	-007
	05/07	21:50:00	08319	05/08	04:35:30	09130	-008
	05/08	23:47:00	09132	05/09	04:21:30	09669	
	05/09	22:58:00	09671	05/10	04:32:30	10335	-009
	05/14	03:10:00	10337	05/14	04:50:30	10534	
	05/14	18:04:00	10536	05/15	00:49:45	12135	-010
	05/15	21:35:00	12150	05/16	04:41:45	13837	-011
	05/19	18:01:00	13839	05/20	01:49:45	15497	-012
	05/24	23:54:00	15499	05/25	00:06:45	15550	-013
	05/26	01:04:00	15552	05/26	03:27:45	16120	
	06/11	18:19:00	16122	06/11	22:53:45	17186	-014
	06/11	22:54:00	17188	06/12	02:22:45	17987	-015
	06/16	22:24:00	17989	06/17	00:19:45	18449	-016
	06/22	23:14:00	18451	06/23	04:52:45	19785	-017
06/25	21:47:00	19787	06/26	03:54:30	20520	-018	
06/27	22:44:00	20522	06/28	03:54:30	21140		
06/30	17:50:00	21142	07/01	04:53:30	22469	-019	

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	Date	Time	address	Date	Time	address	Roll-No.
008001	07/01	23:12:00	22471	07/02	04:52:30	23152	-020
	07/04	21:17:00	23154	07/05	03:56:30	23953	
	07/07	19:25:00	23955	07/07	22:18:30	24180	-021
	07/08	00:30:00	24182	07/08	05:16:30	24746	
	07/08	20:58:00	24748	07/09	01:37:30	25298	
	07/09	18:57:00	25300	07/09	21:17:30	25581	-022
	07/10	23:58:00	25583	07/11	06:00:30	26303	
	07/12	23:12:00	26315	07/13	05:01:45	27658	-023
	07/13	17:53:00	27660	07/13	22:55:45	28785	-024
	07/16	23:21:00	28787	07/17	05:56:30	29572	-025
	07/18	19:49:00	29574	07/19	00:23:50	31177	-026
	07/22	01:18:00	31620	07/22	04:44:50	32807	-027
	07/25	18:06:00	32809	07/25	23:59:40	33871	-028
	07/25	00:00:00	33960	07/25	04:52:40	34838	-029
	07/29	22:54:00	34840	07/30	04:52:30	35543	
	07/30	21:50:00	35545	07/31	04:59:30	36367	-030
	08/02	21:03:00	36369	08/03	04:30:30	37250	-031
	08/03	23:03:00	37252	08/04	04:27:45	38511	-032
	08/07	20:59:00	38513	08/08	04:20:45	40043	-033
	08/08	21:26:00	40045	08/09	04:01:45	41588	-034
	08/11	21:12:00	41590	08/12	03:56:45	43135	-035
	08/12	22:51:00	43137	08/13	00:00:00	43552	-036
	08/13	00:00:00	43554	08/13	03:59:50	44990	-037
	08/15	22:25:00	44992	08/16	03:56:00	46248	-038
	08/17	03:11:00	46248	08/17	03:58:00	46429	-039
	08/19	20:58:00	46431	08/19	23:07:50	47173	
	08/21	23:20:00	47191	08/22	03:58:45	48263	-040
	08/26	00:48:00	48265	08/26	03:39:45	48933	-041
	08/29	21:20:00	48935	08/30	03:00:45	50240	-042
	08/30	17:56:00	50242	08/31	03:55:45	51797	-043
	08/31	21:17:00	51799	09/01	03:00:45	53136	-044
	09/02	00:27:00	53138	09/02	03:00:45	53720	-045

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OVD ID	START			STOP			100feet
	Date	Time	address	Date	Time	address	Roll-No.
008002	09/02	22:22:00	00001	09/03	03:30:45	01224	-046
	09/05	16:47:00	01226	09/05	19:50:50	02208	-047
	09/05	19:52:00	02210	09/05	22:10:00	03001	-048
	09/05	22:10:10	03003	09/06	02:53:50	04656	-049
	09/06	22:28:00	04658	09/07	03:00:50	06233	-050
	09/07	21:49:00	06235	09/08	01:55:50	07609	-051
	09/08	21:21:00	07611	09/09	01:56:50	09201	-052
	09/12	21:10:00	09203	09/13	01:04:50	10612	-053
	09/14	00:53:00	10614	09/14	02:33:50	11182	-054
	09/14	22:15:00	11184	09/15	02:23:30	12108	
	09/15	17:33:00	12110	09/16	02:31:30	13185	-055
	09/16	21:32:00	13187	09/17	00:36:45	13885	-056
	09/20	00:32:00	13887	09/20	02:27:45	14348	
	09/20	23:17:00	14349	09/21	01:58:30	14666	-057
	09/28	21:56:00	14668	09/29	01:27:30	15088	
	10/03	20:15:00	15090	10/03	23:58:30	15536	-058
	10/06	18:43:00	15538	10/07	00:56:30	16264	
	10/07	22:13:00	16266	10/08	01:05:30	16604	-059
	10/08	20:36:00	16606	10/09	01:05:30	17138	
	10/09	19:47:00	17140	10/10	00:24:30	17685	