

# OBSERVATION PHOTOSPHERE - ENTIRE DISK 1969

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This document contains summary informations about events observed in Valašské Meziříčí observatory.

Data are in fits format and available in our archiv.

If you want use this data, please write on email:

[slunecni.skupina@pozorovanislunce.eu](mailto:slunecni.skupina@pozorovanislunce.eu) or [mexnerova@astrovvm.cz](mailto:mexnerova@astrovvm.cz).

Telescope: Refractor Zeiss E 130/1930

Method: Projection

Photographic material: ORWO DU3

Filter: 2 G2

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criterion of quality:    1 - excellent data

                              2 - useful data

                              3 - bad data

## OBSERVATION PHOTOSPHERE - ENTIRE DISK 1969

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19690108 | 1969 | 01    | 08  | 3545   | 12:17 | 2-      |
| 19690108 | 1969 | 01    | 08  | 3546   | 12:25 | 2       |
| 19690109 | 1969 | 01    | 09  | 3547   | 09:00 | 2+      |
| 19690110 | 1969 | 01    | 10  | 3548   | 10:30 | 1-      |
| 19690112 | 1969 | 01    | 12  | 3549   | 09:31 | 2+      |
| 19690113 | 1969 | 01    | 13  | 3550   | 10:20 | 2       |
| 19690114 | 1969 | 01    | 14  | 3551   | 09:00 | 3+      |
| 19690114 | 1969 | 01    | 14  | 3552   | 10:53 | 1-      |
| 19690127 | 1969 | 01    | 27  | 3553   | 09:54 | 1-      |
| 19690127 | 1969 | 01    | 27  | 3554   | 11:50 | 1-      |
| 19690204 | 1969 | 02    | 04  | 3555   | 10:10 | 2+      |
| 19690211 | 1969 | 02    | 11  | 3556   | 11:45 | 1-      |
| 19690212 | 1969 | 02    | 12  | 3557   | 09:40 | 1-      |
| 19690212 | 1969 | 02    | 12  | 3558   | 12:00 | 2-      |
| 19690217 | 1969 | 02    | 17  | 3559   | 11:40 | 1-      |
| 19690303 | 1969 | 03    | 03  | 3560   | 10:20 | 1-      |
| 19690303 | 1969 | 03    | 03  | 3561   | 11:55 | 1-      |
| 19690304 | 1969 | 03    | 04  | 3562   | 07:40 | 2+      |
| 19690304 | 1969 | 03    | 04  | 3563   | 09:25 | 1-      |
| 19690304 | 1969 | 03    | 04  | 3564   | 11:48 | 1-      |
| 19690305 | 1969 | 03    | 05  | 3565   | 10:10 | 1-      |
| 19690305 | 1969 | 03    | 05  | 3566   | 11:32 | 1-      |
| 19690307 | 1969 | 03    | 07  | 3567   | 13:11 | 2       |
| 19690310 | 1969 | 03    | 10  | 3568   | 10:52 | 1-      |
| 19690310 | 1969 | 03    | 10  | 3569   | 13:07 | 1-      |
| 19690313 | 1969 | 03    | 13  | 3570   | 09:08 | 2       |
| 19690320 | 1969 | 03    | 20  | 3571   | 10:47 | 3       |
| 19690321 | 1969 | 03    | 21  | 3572   | 07:20 | 2       |
| 19690325 | 1969 | 03    | 25  | 3573   | 11:00 | 2-      |
| 19690402 | 1969 | 04    | 02  | 3574   | 07:50 | 1       |
| 19690402 | 1969 | 04    | 02  | 3575   | 10:25 | 1-      |
| 19690403 | 1969 | 04    | 03  | 3576   | 12:20 | 1-      |
| 19690404 | 1969 | 04    | 04  | 3577   | 09:10 | 1-      |
| 19690408 | 1969 | 04    | 08  | 3578   | 07:05 | 1       |
| 19690408 | 1969 | 04    | 08  | 3579   | 09:58 | 1-      |
| 19690408 | 1969 | 04    | 08  | 3580   | 11:50 | 2-      |
| 19690409 | 1969 | 04    | 09  | 3581   | 07:15 | 2-      |
| 19690409 | 1969 | 04    | 09  | 3582   | 09:10 | 2+      |
| 19690409 | 1969 | 04    | 09  | 3583   | 11:50 | 1-      |
| 19690410 | 1969 | 04    | 10  | 3584   | 09:16 | 2-      |
| 19690410 | 1969 | 04    | 10  | 3585   | 12:20 | 1-      |
| 19690410 | 1969 | 04    | 10  | 3586   | 14:25 | 2       |
| 19690415 | 1969 | 04    | 15  | 3587   | 11:18 | 2-      |
| 19690415 | 1969 | 04    | 15  | 3588   | 13:05 | 1-      |
| 19690418 | 1969 | 04    | 18  | 3589   | 06:15 | 1-      |
| 19690419 | 1969 | 04    | 19  | 3590   | 11:26 | 2       |
| 19690421 | 1969 | 04    | 21  | 3591   | 08:38 | 1-      |
| 19690421 | 1969 | 04    | 21  | 3592   | 10:28 | 1-      |
| 19690422 | 1969 | 04    | 22  | 3593   | 06:00 | 2       |
| 19690422 | 1969 | 04    | 22  | 3594   | 08:20 | 1-      |
| 19690422 | 1969 | 04    | 22  | 3595   | 11:20 | 1-      |
| 19690426 | 1969 | 04    | 26  | 3596   | 06:23 | 2-      |

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19690426 | 1969 | 04    | 26  | 3597   | 10:18 | 1-      |
| 19690427 | 1969 | 04    | 27  | 3598   | 07:21 | 1-      |
| 19690428 | 1969 | 04    | 28  | 3599   | 06:10 | 2+      |
| 19690428 | 1969 | 04    | 28  | 3600   | 10:30 | 1-      |
| 19690505 | 1969 | 05    | 05  | 3601   | 10:32 | 1-      |
| 19690505 | 1969 | 05    | 05  | 3602   | 12:19 | 1-      |
| 19690512 | 1969 | 05    | 12  | 3603   | 06:40 | 2+      |
| 19690512 | 1969 | 05    | 12  | 3604   | 09:28 | 1-      |
| 19690513 | 1969 | 05    | 13  | 3605   | 06:20 | 1-      |
| 19690513 | 1969 | 05    | 13  | 3606   | 09:05 | 1-      |
| 19690513 | 1969 | 05    | 13  | 3607   | 11:37 | 2-      |
| 19690514 | 1969 | 05    | 14  | 3608   | 06:12 | 2       |
| 19690514 | 1969 | 05    | 14  | 3609   | 08:25 | 1-      |
| 19690514 | 1969 | 05    | 14  | 3610   | 11:13 | 1-      |
| 19690515 | 1969 | 05    | 15  | 3611   | 09: - | 1-      |
| 19690515 | 1969 | 05    | 15  | 3612   | 11:15 | 1-      |
| 19690515 | 1969 | 05    | 15  | 3613   | 12:18 | 1       |
| 19690522 | 1969 | 05    | 22  | 3614   | 06:25 | 2+      |
| 19690522 | 1969 | 05    | 22  | 3615   | 08:42 | 1-      |
| 19690522 | 1969 | 05    | 22  | 3616   | 10:48 | 2-      |
| 19690523 | 1969 | 05    | 23  | 3617   | 10:10 | 2-      |
| 19690523 | 1969 | 05    | 23  | 3618   | 12:15 | 1       |
| 19690526 | 1969 | 05    | 26  | 3619   | 06:30 | 2+      |
| 19690526 | 1969 | 05    | 26  | 3620   | 08:40 | 1-      |
| 19690526 | 1969 | 05    | 26  | 3621   | 11:45 | 1-      |
| 19690527 | 1969 | 05    | 27  | 3622   | 10:40 | 2-      |
| 19690527 | 1969 | 05    | 27  | 3623   | 11:48 | 2+      |
| 19690528 | 1969 | 05    | 28  | 3624   | 07:25 | 2-      |
| 19690528 | 1969 | 05    | 28  | 3625   | 09:32 | 2-      |
| 19690528 | 1969 | 05    | 28  | 3626   | 10:15 | 1-      |
| 19690528 | 1969 | 05    | 28  | 3627   | 11:50 | 2+      |
| 19690529 | 1969 | 05    | 29  | 3628   | 13:22 | 1-      |
| 19690530 | 1969 | 05    | 30  | 3629   | 05:30 | 1-      |
| 19690530 | 1969 | 05    | 30  | 3630   | 09:22 | 1-      |
| 19690530 | 1969 | 05    | 30  | 3631   | 11:37 | 2+      |
| 19690603 | 1969 | 06    | 03  | 3632   | 11:15 | 1-      |
| 19690604 | 1969 | 06    | 04  | 3633   | 09:55 | 2-      |
| 19690606 | 1969 | 06    | 06  | 3634   | 08:18 | 2+      |
| 19690609 | 1969 | 06    | 09  | 3635   | 08:45 | 1-      |
| 19690609 | 1969 | 06    | 09  | 3636   | 09:30 | 1       |
| 19690609 | 1969 | 06    | 09  | 3637   | 11:50 | 1-      |
| 19690612 | 1969 | 06    | 12  | 3638   | 06:13 | 1-      |
| 19690612 | 1969 | 06    | 12  | 3639   | 08:45 | 2+      |
| 19690612 | 1969 | 06    | 12  | 3640   | 10:15 | 1-      |
| 19690612 | 1969 | 06    | 12  | 3641   | 13:00 | 1-      |
| 19690613 | 1969 | 06    | 13  | 3642   | 05:50 | 1-      |
| 19690613 | 1969 | 06    | 13  | 3643   | 08:15 | 2+      |
| 19690616 | 1969 | 06    | 16  | 3644   | 08:45 | 1-      |
| 19690617 | 1969 | 06    | 17  | 3645   | 06:15 | 1-      |
| 19690617 | 1969 | 06    | 17  | 3646   | 08:12 | 1-      |
| 19690618 | 1969 | 06    | 18  | 3647   | 06:40 | 1-      |

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19690618 | 1969 | 06    | 18  | 3648   | 09:30 | 1-      |
| 19690619 | 1969 | 06    | 19  | 3649   | 07:15 | 1       |
| 19690619 | 1969 | 06    | 19  | 3650   | 09:55 | 1-      |
| 19690619 | 1969 | 06    | 19  | 3651   | 12:10 | 1-      |
| 19690623 | 1969 | 06    | 23  | 3652   | 07:50 | 2+      |
| 19690623 | 1969 | 06    | 23  | 3653   | 09:20 | 1-      |
| 19690624 | 1969 | 06    | 24  | 3654   | 11:35 | 2       |
| 19690627 | 1969 | 06    | 27  | 3655   | 07:40 | 1-      |
| 19690701 | 1969 | 07    | 01  | 3656   | 11:35 | 1-      |
| 19690702 | 1969 | 07    | 02  | 3657   | 07:35 | 2+      |
| 19690702 | 1969 | 07    | 02  | 3658   | 10:30 | 1-      |
| 19690702 | 1969 | 07    | 02  | 3659   | 12:58 | 1-      |
| 19690703 | 1969 | 07    | 03  | 3660   | 13:40 | 2       |
| 19690704 | 1969 | 07    | 04  | 3661   | 09:58 | 2       |
| 19690709 | 1969 | 07    | 09  | 3662   | 10:24 | 3       |
| 19690709 | 1969 | 07    | 09  | 3663   | 12:25 | 2-      |
| 19690714 | 1969 | 07    | 14  | 3664   | 13:46 | 2+      |
| 19690715 | 1969 | 07    | 15  | 3665   | 13:21 | 3       |
| 19690715 | 1969 | 07    | 15  | 3666   | 14:46 | 2+      |
| 19690715 | 1969 | 07    | 15  | 3667   | 16:27 | 2-      |
| 19690716 | 1969 | 07    | 16  | 3668   | 09:18 | 3       |
| 19690716 | 1969 | 07    | 16  | 3669   | 10:11 | 1-      |
| 19690716 | 1969 | 07    | 16  | 3670   | 14:26 | 1-      |
| 19690717 | 1969 | 07    | 17  | 3671   | 07:18 | 1-      |
| 19690717 | 1969 | 07    | 17  | 3672   | 09:12 | 1-      |
| 19690717 | 1969 | 07    | 17  | 3673   | 12:08 | 2-      |
| 19690717 | 1969 | 07    | 17  | 3674   | 15:12 | 2       |
| 19690719 | 1969 | 07    | 19  | 3675   | 13:55 | 2       |
| 19690719 | 1969 | 07    | 19  | 3676   | 15:20 | 1-      |
| 19690723 | 1969 | 07    | 23  | 3677   | 11:43 | 1-      |
| 19690724 | 1969 | 07    | 24  | 3678   | 07:40 | 1-      |
| 19690725 | 1969 | 07    | 25  | 3679   | 11:17 | 1-      |
| 19690725 | 1969 | 07    | 25  | 3680   | 13:12 | 1       |
| 19690725 | 1969 | 07    | 25  | 3681   | 16:01 | 2-      |
| 19690726 | 1969 | 07    | 26  | 3682   | 08:56 | 2       |
| 19690726 | 1969 | 07    | 26  | 3683   | 10:00 | 1-      |
| 19690726 | 1969 | 07    | 26  | 3684   | 12:31 | 1-      |
| 19690728 | 1969 | 07    | 28  | 3685   | 07:42 | 1-      |
| 19690728 | 1969 | 07    | 28  | 3686   | 10:17 | 1       |
| 19690728 | 1969 | 07    | 28  | 3687   | 11:47 | 1       |
| 19690729 | 1969 | 07    | 29  | 3688   | 06:43 | 1-      |
| 19690729 | 1969 | 07    | 29  | 3689   | 09:35 | 1-      |
| 19690729 | 1969 | 07    | 29  | 3690   | 11:57 | 2-      |
| 19690730 | 1969 | 07    | 30  | 3691   | 09:25 | 2-      |
| 19690731 | 1969 | 07    | 31  | 3692   | 12:40 | 1-      |
| 19690801 | 1969 | 08    | 01  | 3693   | 06:20 | 1-      |
| 19690801 | 1969 | 08    | 01  | 3694   | 08:30 | 1-      |
| 19690801 | 1969 | 08    | 01  | 3695   | 10:47 | 2-      |
| 19690801 | 1969 | 08    | 01  | 3696   | 12:00 | 2+      |
| 19690803 | 1969 | 08    | 03  | 3697   | 06:22 | 2+      |
| 19690803 | 1969 | 08    | 03  | 3698   | 09:12 | 1-      |
| 19690803 | 1969 | 08    | 03  | 3699   | 13:03 | 1-      |

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19690804 | 1969 | 08    | 04  | 3700   | 06:15 | 2       |
| 19690804 | 1969 | 08    | 04  | 3701   | 07:20 | 2+      |
| 19690804 | 1969 | 08    | 04  | 3702   | 09:05 | 1-      |
| 19690804 | 1969 | 08    | 04  | 3703   | 10:42 | 2-      |
| 19690804 | 1969 | 08    | 04  | 3704   | 11:47 | 2       |
| 19690804 | 1969 | 08    | 04  | 3705   | 14:32 | 2-      |
| 19690805 | 1969 | 08    | 05  | 3706   | 06:05 | 1-      |
| 19690805 | 1969 | 08    | 05  | 3707   | 07:35 | 2+      |
| 19690805 | 1969 | 08    | 05  | 3708   | 09:10 | 2       |
| 19690805 | 1969 | 08    | 05  | 3709   | 10:22 | 2       |
| 19690805 | 1969 | 08    | 05  | 3710   | 11:50 | 1-      |
| 19690805 | 1969 | 08    | 05  | 3711   | 14:37 | 2+      |
| 19690806 | 1969 | 08    | 06  | 3712   | 06:20 | 1-      |
| 19690806 | 1969 | 08    | 06  | 3713   | 08:20 | 2       |
| 19690806 | 1969 | 08    | 06  | 3714   | 09:55 | 2-      |
| 19690806 | 1969 | 08    | 06  | 3715   | 11:38 | 2+      |
| 19690807 | 1969 | 08    | 07  | 3716   | 05:53 | 2       |
| 19690807 | 1969 | 08    | 07  | 3717   | 07:23 | 2       |
| 19690808 | 1969 | 08    | 08  | 3718   | 11:13 | 2       |
| 19690809 | 1969 | 08    | 09  | 3719   | 06:44 | 2-      |
| 19690809 | 1969 | 08    | 09  | 3720   | 13:35 | 2       |
| 19690811 | 1969 | 08    | 11  | 3721   | 09:55 | 2-      |
| 19690813 | 1969 | 08    | 13  | 3722   | 10:25 | 2+      |
| 19690813 | 1969 | 08    | 13  | 3723   | 11:55 | 2-      |
| 19690814 | 1969 | 08    | 14  | 3724   | 06:52 | 2       |
| 19690814 | 1969 | 08    | 14  | 3725   | 08:45 | 1-      |
| 19690814 | 1969 | 08    | 14  | 3726   | 11:34 | 1-      |
| 19690815 | 1969 | 08    | 15  | 3727   | 07:05 | 1       |
| 19690815 | 1969 | 08    | 15  | 3728   | 09:05 | 3+      |
| 19690815 | 1969 | 08    | 15  | 3729   | 11:12 | 1-      |
| 19690819 | 1969 | 08    | 19  | 3730   | 11:57 | 1-      |
| 19690819 | 1969 | 08    | 19  | 3731   | 12:38 | 1-      |
| 19690820 | 1969 | 08    | 20  | 3732   | 06:18 | 1-      |
| 19690820 | 1969 | 08    | 20  | 3733   | 08:12 | 1-      |
| 19690820 | 1969 | 08    | 20  | 3734   | 10:08 | 1-      |
| 19690822 | 1969 | 08    | 22  | 3735   | 06:00 | 1-      |
| 19690822 | 1969 | 08    | 22  | 3736   | 08:07 | 1-      |
| 19690822 | 1969 | 08    | 22  | 3737   | 11:10 | 1-      |
| 19690827 | 1969 | 08    | 27  | 3738   | 05:55 | 2-      |
| 19690901 | 1969 | 09    | 01  | 3739   | 07:43 | 1-      |
| 19690901 | 1969 | 09    | 01  | 3740   | 10:25 | 1-      |
| 19690901 | 1969 | 09    | 01  | 3741   | 11:32 | 1-      |
| 19690902 | 1969 | 09    | 02  | 3742   | 10:00 | 1-      |
| 19690902 | 1969 | 09    | 02  | 3743   | 11:40 | 2+      |
| 19690903 | 1969 | 09    | 03  | 3744   | 08:40 | 2       |
| 19690903 | 1969 | 09    | 03  | 3745   | 10:32 | 1-      |
| 19690904 | 1969 | 09    | 04  | 3746   | 12:05 | 1-      |
| 19690904 | 1969 | 09    | 04  | 3747   | 14:03 | 1-      |
| 19690905 | 1969 | 09    | 05  | 3748   | 09:35 | 2+      |
| 19690908 | 1969 | 09    | 08  | 3749   | 07:05 | 1-      |
| 19690908 | 1969 | 09    | 08  | 3750   | 09:05 | 1-      |
| 19690908 | 1969 | 09    | 08  | 3751   | 11:05 | 1-      |

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19690909 | 1969 | 09    | 09  | 3752   | 07:53 | 1-      |
| 19690909 | 1969 | 09    | 09  | 3753   | 09:52 | 1-      |
| 19690909 | 1969 | 09    | 09  | 3754   | 11:35 | 1       |
| 19690910 | 1969 | 09    | 10  | 3755   | 06:45 | 2+      |
| 19690910 | 1969 | 09    | 10  | 3756   | 09:05 | 1-      |
| 19690910 | 1969 | 09    | 10  | 3757   | 11:05 | 1-      |
| 19690912 | 1969 | 09    | 12  | 3758   | 07:00 | 1-      |
| 19690912 | 1969 | 09    | 12  | 3759   | 09:05 | 1-      |
| 19690912 | 1969 | 09    | 12  | 3760   | 11:02 | 1-      |
| 19690916 | 1969 | 09    | 16  | 3761   | 06:40 | 1-      |
| 19690916 | 1969 | 09    | 16  | 3762   | 08:40 | 2+      |
| 19690916 | 1969 | 09    | 16  | 3763   | 11:05 | 1-      |
| 19690917 | 1969 | 09    | 17  | 3764   | 09:16 | 1-      |
| 19690917 | 1969 | 09    | 17  | 3765   | 11:20 | 1-      |
| 19690918 | 1969 | 09    | 18  | 3766   | 13:22 | 1-      |
| 19690918 | 1969 | 09    | 18  | 3767   | 14:30 | 2+      |
| 19690919 | 1969 | 09    | 19  | 3768   | 07:05 | 2+      |
| 19690919 | 1969 | 09    | 19  | 3769   | 09:30 | 1-      |
| 19690919 | 1969 | 09    | 19  | 3770   | 11:00 | 2-      |
| 19690923 | 1969 | 09    | 23  | 3771   | 08:55 | 1-      |
| 19690923 | 1969 | 09    | 23  | 3772   | 10:42 | 1-      |
| 19690923 | 1969 | 09    | 23  | 3773   | 11:45 | 1-      |
| 19690924 | 1969 | 09    | 24  | 3774   | 07:00 | 1-      |
| 19690924 | 1969 | 09    | 24  | 3775   | 09:12 | 1-      |
| 19690924 | 1969 | 09    | 24  | 3776   | 11:25 | 2+      |
| 19690924 | 1969 | 09    | 24  | 3777   | 15:15 | 2-      |
| 19690925 | 1969 | 09    | 25  | 3778   | 08:53 | 1-      |
| 19690925 | 1969 | 09    | 25  | 3779   | 10:50 | 1-      |
| 19690925 | 1969 | 09    | 25  | 3780   | 12:20 | 1-      |
| 19690925 | 1969 | 09    | 25  | 3781   | 14:20 | 1-      |
| 19690926 | 1969 | 09    | 26  | 3782   | 08:50 | 1-      |
| 19690926 | 1969 | 09    | 26  | 3783   | 10:47 | 1-      |
| 19690926 | 1969 | 09    | 26  | 3784   | 12:00 | 2       |
| 19690929 | 1969 | 09    | 29  | 3785   | 12:25 | 3+      |
| 19690929 | 1969 | 09    | 29  | 3786   | 14:00 | 2       |
| 19690930 | 1969 | 09    | 30  | 3787   | 09:15 | 1-      |
| 19691002 | 1969 | 10    | 02  | 3788   | 07:47 | 1-      |
| 19691002 | 1969 | 10    | 02  | 3789   | 09:40 | 1-      |
| 19691002 | 1969 | 10    | 02  | 3790   | 12:00 | 1-      |
| 19691006 | 1969 | 10    | 06  | 3791   | 08:15 | 1-      |
| 19691006 | 1969 | 10    | 06  | 3792   | 09:37 | 1-      |
| 19691006 | 1969 | 10    | 06  | 3793   | 11:45 | 1-      |
| 19691006 | 1969 | 10    | 06  | 3794   | 13:45 | 1-      |
| 19691007 | 1969 | 10    | 07  | 3795   | 07:26 | 1-      |
| 19691007 | 1969 | 10    | 07  | 3796   | 12:27 | 1-      |
| 19691008 | 1969 | 10    | 08  | 3797   | 07:25 | 1-      |
| 19691008 | 1969 | 10    | 08  | 3798   | 09:28 | 1-      |
| 19691008 | 1969 | 10    | 08  | 3799   | 11:25 | 1-      |
| 19691008 | 1969 | 10    | 08  | 3800   | 13:42 | 2       |
| 19691009 | 1969 | 10    | 09  | 3801   | 10:43 | 2+      |
| 19691009 | 1969 | 10    | 09  | 3802   | 12:10 | 1-      |
| 19691009 | 1969 | 10    | 09  | 3803   | 14:10 | 2+      |

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19691010 | 1969 | 10    | 10  | 3804   | 07:15 | 1-      |
| 19691010 | 1969 | 10    | 10  | 3805   | 10:00 | 1-      |
| 19691010 | 1969 | 10    | 10  | 3806   | 11:48 | 1-      |
| 19691011 | 1969 | 10    | 11  | 3807   | 13:24 | 1-      |
| 19691013 | 1969 | 10    | 13  | 3808   | 08:13 | 1-      |
| 19691013 | 1969 | 10    | 13  | 3809   | 10:46 | 2       |
| 19691013 | 1969 | 10    | 13  | 3810   | 12:05 | 2+      |
| 19691013 | 1969 | 10    | 13  | 3811   | 14:50 | 2-      |
| 19691014 | 1969 | 10    | 14  | 3812   | 09:50 | 1-      |
| 19691014 | 1969 | 10    | 14  | 3813   | 10:52 | 1-      |
| 19691014 | 1969 | 10    | 14  | 3814   | 12:48 | 1-      |
| 19691015 | 1969 | 10    | 15  | 3815   | 09:40 | 1-      |
| 19691015 | 1969 | 10    | 15  | 3816   | 11:25 | 2+      |
| 19691015 | 1969 | 10    | 15  | 3817   | 13:28 | 1-      |
| 19691017 | 1969 | 10    | 17  | 3818   | 12:32 | 1-      |
| 19691020 | 1969 | 10    | 20  | 3819   | 08:34 | 1       |
| 19691020 | 1969 | 10    | 20  | 3820   | 11:14 | 1-      |
| 19691020 | 1969 | 10    | 20  | 3821   | 12:47 | 1-      |
| 19691020 | 1969 | 10    | 20  | 3822   | 14:15 | 1-      |
| 19691021 | 1969 | 10    | 21  | 3823   | 07:35 | 1-      |
| 19691021 | 1969 | 10    | 21  | 3824   | 08:15 | 1-      |
| 19691021 | 1969 | 10    | 21  | 3825   | 10:45 | 1-      |
| 19691021 | 1969 | 10    | 21  | 3826   | 13:02 | 1-      |
| 19691022 | 1969 | 10    | 22  | 3827   | 07:25 | 1-      |
| 19691022 | 1969 | 10    | 22  | 3828   | 08:43 | 1-      |
| 19691022 | 1969 | 10    | 22  | 3829   | 10:43 | 1-      |
| 19691022 | 1969 | 10    | 22  | 3830   | 11:40 | 1-      |
| 19691022 | 1969 | 10    | 22  | 3831   | 12:43 | 1-      |
| 19691022 | 1969 | 10    | 22  | 3832   | 13:42 | 1-      |
| 19691023 | 1969 | 10    | 23  | 3833   | 07:40 | 2       |
| 19691023 | 1969 | 10    | 23  | 3834   | 09:10 | 1-      |
| 19691023 | 1969 | 10    | 23  | 3835   | 10:40 | 1-      |
| 19691023 | 1969 | 10    | 23  | 3836   | 11:40 | 2+      |
| 19691029 | 1969 | 10    | 29  | 3837   | 09:25 | 1-      |
| 19691029 | 1969 | 10    | 29  | 3838   | 11:22 | 1-      |
| 19691103 | 1969 | 11    | 03  | 3839   | 10:53 | 1-      |
| 19691103 | 1969 | 11    | 03  | 3840   | 12:00 | 1-      |
| 19691106 | 1969 | 11    | 06  | 3841   | 09:16 | 1-      |
| 19691106 | 1969 | 11    | 06  | 3842   | 11:37 | 2       |
| 19691106 | 1969 | 11    | 06  | 3843   | 12:52 | 1-      |
| 19691106 | 1969 | 11    | 06  | 3844   | 13:37 | 1-      |
| 19691107 | 1969 | 11    | 07  | 3845   | 08:16 | 2+      |
| 19691107 | 1969 | 11    | 07  | 3846   | 09:11 | 2+      |
| 19691107 | 1969 | 11    | 07  | 3847   | 10:21 | 2+      |
| 19691107 | 1969 | 11    | 07  | 3848   | 12:39 | 2+      |
| 19691107 | 1969 | 11    | 07  | 3849   | 13:27 | 3       |
| 19691110 | 1969 | 11    | 10  | 3850   | 08:45 | 1-      |
| 19691110 | 1969 | 11    | 10  | 3851   | 12:31 | 3       |
| 19691116 | 1969 | 11    | 16  | 3852   | 13:02 | 1       |
| 19691117 | 1969 | 11    | 17  | 3853   | 09:13 | 1-      |
| 19691117 | 1969 | 11    | 17  | 3854   | 11:32 | 2+      |

## OBSERVATION PHOTOSPHERE - ENTIRE DISK 1969

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| DATE     | YEAR | MONTS | DAY | NUMBER | TIME  | QUALITY |
|----------|------|-------|-----|--------|-------|---------|
| 19691121 | 1969 | 11    | 21  | 3855   | 08:37 | 2+      |
| 19691121 | 1969 | 11    | 21  | 3856   | 10:19 | 1-      |