

SPECIAL GEOMAGNETIC EVENTS
Normal magnetograms

Sudden commencements (SC):

| | | X(nT) | Y(nT) | Z(nT) |
|-----------------|----------|-------|-------|-------|
| 24 Sep 13:09 UT | ssc* | | | |
| 27 Sep 05:57 UT | SSC A | | | |
| | 57.0 ±.2 | +7 | -14 | +4 |
| | 58.3 ±.2 | -2 | -3 | -3 |
| | 59.7 ±.2 | -22 | +21 | +10 |

PULSATATIONS

from normal recordings:

| Day | Onset | End | Qual | Period | Amplitude nT |
|-------|-------|------|------|---------|-----------------|
| pc 4: | | | | | |
| 3 | 0020 | 1840 | B | 45-150 | 15 |
| 4 | 0130 | 1120 | B | 45-150 | 10 |
| 6 | 0345 | 1415 | B | 45-150 | 8 |
| 7 | 0310 | 1245 | B | 45-150 | 8 |
| 8 | 0450 | 1600 | B | 45-150 | 8 |
| 10 | 0850 | 1855 | B | 45-150 | 6 |
| 11 | 0010 | 0600 | C | 45-150 | 6 |
| 13 | 1320 | 2135 | C | 45-150 | 6 |
| 14 | 0130 | 1210 | B | 45-150 | 8 |
| 15 | 0355 | 1200 | B | 45-150 | 8 |
| 19 | 0145 | 2005 | B | 45-150 | 8 |
| 24 | 0010 | 1250 | B | 45-150 | 6 |
| 25 | 0040 | 1055 | B | 45-150 | 9 |
| 29 | 0200 | 1635 | B | 45-150 | 15 |
| 30 | 0330 | 1340 | B | 45-150 | 8 |
| pc 5: | | | | | |
| 2 | 0320 | 1630 | B | 150-360 | 25 |
| 12 | 0345 | 1610 | C | 150-360 | 9 |
| 13 | 0225 | 1320 | B | 150-360 | 20 |
| 14 | 1210 | 1800 | C | 150-360 | 12 |
| 20 | 0455 | 1615 | B | 150-360 | 10 |
| 21 | 0605 | 1415 | C | 150-360 | 12 |
| 27 | 0600 | 1415 | B | 150-360 | 9 |
| 28 | 0155 | 1455 | B | 150-360 | 20 |