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HOUS 2 BOU 230200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
23/0200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
22/1700Z. LOCATIONS VALID AT 23 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0264 S14E65 201 0260 D 08 12 ALPHA

0265 N20E73 193 0010 A 01 01 BETA

NOTE- MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 23 OCT 0000Z..

NMBR LOCATION LO

0262 N15E15 251

II. NONE.

III. NONE.

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HFUS 1 BOU 230600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 296A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 OCTOBER 1973

- IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO ACTIVITY HAS BEEN OBSERVED DURING THE PAST EIGHT HOURS. THE TWO REGIONS ON THE VISIBLE DISK APPEAR STABLE AND QUIET.
- IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT SEVEN HOURS.
- II. THE GEOMAGNETIC DISTURBANCE HAS DECREASED IN INTENSITY DURING THE PAST 12 HOURS.
- III. EVENT PROBABILITIES NO CHANGE
- IV. OTTAWA 10.7 CM FLUX NO CHANGE
- V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 231300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 296B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 23 OCTOBER 1973
IA. NO FLARES HAVE BEEN REPORTED TODAY. THE REGIONS ON THE DISK HAVE
BEEN MOSTLY STABLE AND QUIET. THE ONLY SIGNIFICANT EVENT REPORTED
WAS AN EPL AT S15 ON THE EAST LIMB WHICH WAS OBSERVED IN
PROGRESS AT 0825Z. NO X-RAYS OR RADIO ACCCOMPANIED THIS EVENT.
IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED
SO FAR TODAY AND IS EXPECTED TO REMAIN SO THROUGH 25 OCTOBER.
III. EVENT PROBABILITIES 23-25 OCT
CLASS M 15/15/15
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 22 OCT 86
PREDICTED 23-25 OCT 90/93/96
90-DAY MEAN 22 OCT 91
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 21 OCT 30
ESTIMATED 22 OCT 20
PREDICTED 23-25 OCT 12/10/08
SOLTERWARN
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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 296

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 OCTOBER 1973.

IA. SOLAR ACTIVITY CONTINUES VERY LOW, BUT SUBFLARE ACTIVITY HAS
INCREASED FROM REGION 264 (S14E52) WITH 5 NON-ENERGETIC SUBFLARES
REPORTED DURING THE LAST 12 HOURS. THIS REGION HAS SHOWN CONSID-
ERABLE GROWTH IN BOTH WHITE LIGHT AND H ALPHA, ALTHOUGH GROWTH HAS
NOW SLOWED. THE REGION APPARENTLY STILL CONTAINS A SIMPLE BETA
MAGNETIC CONFIGURATION SPOT GROUP, BUT THE MAGNETIC GRADIENTS ARE
APPARENTLY TIGHTER THAN YESTERDAY. THE REST OF THE DISK IS QUIET.

IB. THE PROBABILITY OF AN ENERGETIC EVENT FROM REGION 264 HAS
INCREASED SLIGHTLY SINCE YESTERDAY, AND IF DEVELOPMENT CONTINUES,
AT LEAST ONE SMALL M EVENT IS LIKELY DURING THE NEXT FEW DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 23/0900Z AND IS
EXPECTED TO REMAIN GENERALLY QUIET THROUGH THE PERIOD WITH UN-
SETLED NIGHTTIME CONDITIONS DURING THE FIRST HALF OF THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 24 OCT - 26 OCT.

CLASS M 20/25/30

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 23 OCT 91

PREDICTED 24 OCT - 26 OCT 95/97/98

90-DAY MEAN 23 OCT 91

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 22 OCT 18

ESTIMATED 23 OCT 07

PREDICTED 24 OCT - 26 OCT 07/06/05

SOLTERWARN

SPAN

BT