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HXUS BOU 170600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 261A
JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 17 SEPTEMBER 1972
IA. NO CHANGE
IB. NO CHANGE
II. GEOMAGNETIC FIELD IS DISTURBED AND
MINOR GEOMAGNETIC STORM CONTINUES.
III. EVENT PROBABILITIES-NO CHANGE
IV. OTTAWA 10.7 CM FLUX-NO CHANGE
V. GEOMAGNETIC A INDICES-NO CHANGE
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HFUS BOU 171401

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 17 SEPT 1972

IA. ALL VISIBLE REGIONS HAVE BEEN STABLE FOR THE PAST 24 HOURS.
ONLY OCCASIONAL SUBFLARES HAVE BEEN PRODUCED. A LARGE FILAMENT
WHICH CROSSES THE EQUATOR AT WEST 18 HAS BEEN VARYING IN SIZE
AND ABSORPTION AT LINE CENTER. DISAPPEARING FILAMENTS HAVE BEEN
REPORTED NEAR S04W22 AND N18E08.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS ACTIVE FROM 16/1500Z TO 16/2400Z,
AND NEAR MINOR STORM LEVEL FROM 17/0000Z TO 17/1200Z. CONDITIONS
ARE EXPECTED TO STABILIZE SOMEWHAT DURING THE NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BBU 172220

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z SEPT 17 1972

IA. REGIONS 405 /S10W40/ 406 /S08W17/ AND 403 /N20W90/ HAVE PRODUCED SUBFLARES TODAY, WITH NONE PRODUCING SIGNIFICANT X-RAY FLUXES. SMALL ACTIVE FILAMENTS IN 405 HAVE BEEN REPORTED, AND THE LARGE FILAMENT CROSSING THE EQUATOR AT W25 HAS BEEN ACTIVE DURING THE PERIOD. NEW REGION 412 /S16E70/ SHOULD BE NOTED AS THE RETURN OF REGION 367.

IB. FLARE ACTIVITY SHOULD REMAIN LOW, WITH ONLY REGION 405 BEING CAPABLE OF ENERGETIC EVENTS. OLD AESC/SESC REGIONS 371, 381, 389, AND 393 ARE DUE TO RETURN DURING THE NEXT 24 HOURS IN ASSOCIATION WITH MANILA CALCIUM PLAGE NR. 719 /SEVENTH ROTATION/.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND SHOULD REMAIN SO DURING THE NEXT 48 HOURS, PARTICULARLY DURING LOCAL NIGHTTIME HOURS.

III. EVENT PROBABILITIES SEPT. 18-SEPT. 20

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT. 099

PREDICTED 18 SEPT-20 SEPT 102/104/106

90-DAY MEAN 17 SEPT. 123

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT. 017

ESTIMATED 17 SEPT. 017

PREDICTED 18 SEPT.-20 SEPT. 015/012/010

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