

COMMISSION FOR SYNOPTIC METEOROLOGY  
ABRIDGED FINAL REPORT OF THE FIFTH SESSION

Geneva, 15 June – 3 July 1970

WMO – No. 269.RP.86

GENERAL SUMMARY

4.10 Code form for synoptic surface observations

4.10.7 Code for the exchange of synoptic surface observations originating from automatic weather stations

4.10.7.1 The Commission noted that the Working Group on Data Needs and Codes had considered the need for a code form suitable for reporting observations made by automatic weather stations, and that the president of CIMO had submitted to the session a document setting out the principles which CIMO believed should be followed when developing such a code form. The SYNOP and SHIP code forms recommended for general introduction in 1975 (see Recommendation 22 (CSM-V)) were considered by the Commission to be consistent with the principles expressed by the president of CIMO, and to be suitable for reports from automatic weather stations as well as manned stations.

4.10.7.2 It was agreed that there was a need for the introduction of a code form suitable for the exchange of observations from automatic weather stations at the earliest possible date. The Commission therefore concluded that section 1 of the new code forms given in Annex XX (Parts A and B) should be used for this purpose as from 1 January 1972 and adopted Recommendation 23 (CSM-V). Any changes, which may be made in the code forms concerned, will be applied to the code form for the exchange of observations originating from weather stations.

Recommendation 23 (CSM-V) – CODE FORMS FOR THE EXCHANGE OF SYNOPTIC SURFACE OBSERVATIONS ORIGINATING FROM AUTOMATIC WEATHER STATIONS

THE COMMISSION FOR SYNOPTIC METEOROLOGY,  
NOTING the increased use of automatic weather stations for the observation of meteorological data intended for international exchange,

CONSIDERING:

- (1) That in a number of respects the present SYNOP and SHIP code forms are not satisfactory for encoding observations made by automatic weather stations,
- (2) That there is a need for the early introduction of a suitable code form,
- (3) That the code forms SYNOP-FM 14.E and SHIP FM 24.E given in Parts A, B and C of the annex\* to Recommendation 22 (CSM-V) and recommended for general introduction in 1975 are suitable for reporting observations made by automatic weather stations,

RECOMMENDS that the sections 1 of the code forms SYNOP-FM 14.E and SHIP-FM 24.E be used for the international exchange of reports containing observations of automatic weather stations, as from 1 January 1972.

\* See Annex XX.

Annex XX is available in another file.