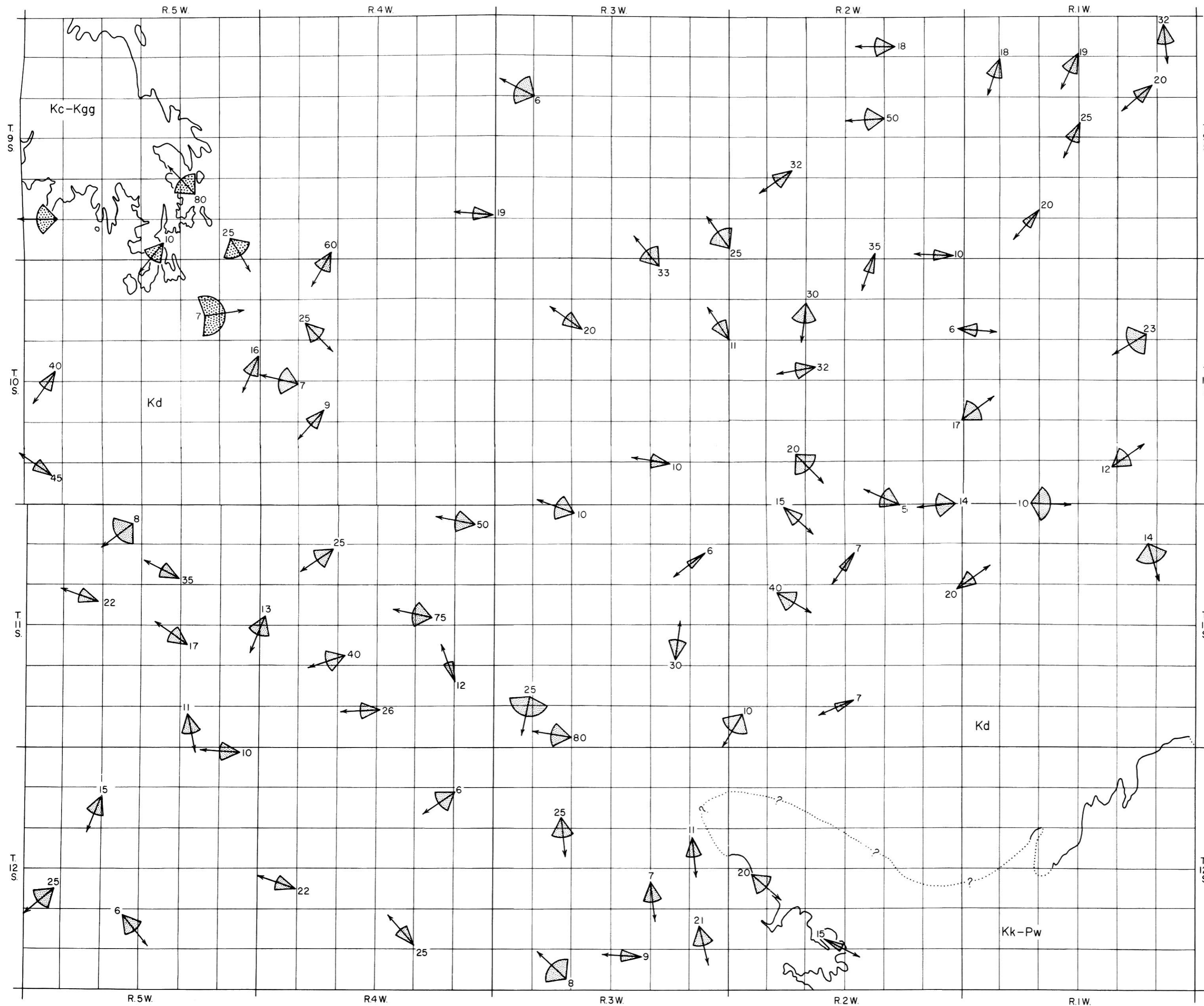


VECTOR RESULTANTS OF CROSS-STRATIFICATION DIP BEARINGS IN DAKOTA SANDSTONE, OTTAWA COUNTY, KANSAS

State Geological Survey of Kansas

By Paul C. Franks, George L. Coleman, Norman Plummer, W. Kenneth Hamblin, 1959

Bulletin 134 Part 6, Plate 1

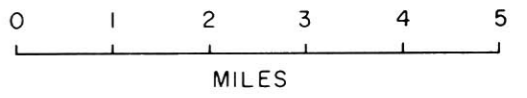


EXPLANATION

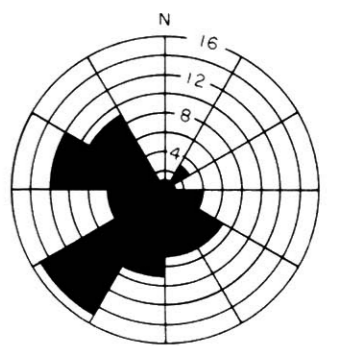
Vector resultant of dip bearings of cross-stratification. Arc shows one standard deviation in degrees plotted on each side of vector resultant. Numeral gives number of measurements. Coarse dots, Janssen Clay member of Dakota Formation, small dots, Terra Cotta Clay member of Dakota Formation.

- Kc-Kgg Undifferentiated Carlile, Greenhorn, and Graneros formations
- Kd Dakota Formation
- Kk-Pw Undifferentiated Kiowa Shale and Wellington Formation

Contact (dotted and queried where concealed)



TRUE NORTH
MAGNETIC NORTH



CIRCULAR HISTOGRAM showing vector-resultant dip bearings plotted in 30° class intervals. Outside circumference represents 16 vector resultants.