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Weather and aviation! There is probably no activity in which the weather must be so carefully watched as in aviation. The pilot must know the present weather and forecast covering the time of his flight. He must know: (1) the ceiling and visibility at his destination or at some nearby landing field, (2) wind conditions at flight levels so that he may plan his course, determine time of flight and fuel requirements, (3) icing levels, (4) where air is turbulent and hail expected. Knowing these factors, he plans all details of his course. He knows where to find favoring winds and where to avoid trouble.
