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DESCRIPTORS: \*Catalysts, \*Alumina-silica catalysts,  
Inhibition, Acids, Impurities, Lithium, Sodium,  
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The depth of the Mediterranean depressions, passing over the Black Sea, for the greater part is equal to 2-3 km. These are usually low, warm depressions, which are given on the 700-mb-contour chart as a trough and only sometimes as a closed isohypae. In all instances (except when the depression passes along the south of the Black Sea) a change of air-masses takes place. The change of air-masses is observed up to an altitude of 2-3 km. When the cyclone passes to the south of the Black Sea, the Crimea usually remains in the same air mass, which is on the northern periphery of the depression. (Author)

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