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ABSTRACT The study presents the change in precipitation and temperature of the Central Anatolia region which a semi-arid climate prevails. The climatic data consists of the monthly rainfall totals and temperatures from 33					Recommend to Peers	
stations in region for the period of 1975-2007. The spatial distribution, the inter-seasonal and the inter- annual amounts of rainfall were studied, along with the vulnerability of Central Anatolia to desertification					Recommend to Library	
processes and the place of this semiarid region. Annual temperature frequency has been calculated and shows significant increase in temperature of approximately 2.6% corresponding to 0.4?C. The change in					Contact Us	
in Ürgüp, Kirikkale conditions prevaile	ined according to Erinç': , Develi, Kir?ehir and A d in these stations afte	s aridity index. Semi-a Ak?ehir between 197 r 1990. The decrease	arid and semi-humid clim 5 and 1990. However, a e of the mean rainfall ir	ate types prevailed arid and semi-arid ntensity (MRI) has	Downloads:	48,127
varied between 0.3% and 21% annually since 1990. Decreases in seasonal rainfall intensity (SRI) and					Visits:	138,960
and annual rainfall totals are observed in the north and northwest of the region however, these increasing percentages are not as great as the decreasing percentages. Rainfall series have been analyzed for long-term trend according Mann-Kendall test. Results of this test indicate that a decreasing trend of winter and spring rainfall intensity is evident, whereas a generally increasing trend is observed for summer and autumn					Sponsors, Associates, ai Links >>	

## **KEYWORDS**

Central Anatolia; Climate Vulnerability; Climatic Change; Semi Arid Climate; Aridity Index

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rainfall intensity. These changes began in the late 1970s and early 1980s across most of Central Anatolia.

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