

REVISED CAPTIONS

Table 1. The manually (i.e., nonautomatically) measured parameters.¹

Fig. 1. The location and landscape features of the study area, soil physicochemical sites (SPCS) and hydrologic and meteorological stations (KTS, GKTS, and GTS).

Fig. 2. (a) The mean soil moisture content (SMC) and soil particle size (SPS) at experiment sites (Table 2), and (b) topography of the study area, with numbers in parentheses representing elevations and the yellow dashed lines delineating the boundaries of the transitional zones.

Fig. 3. Monthly soil moisture content (SMC) at the experiment sites (Table 2) and monthly areal precipitation (P) and evapotranspiration (ET) at site C3 and A3. Site A1, A3, F1 and F3 are located in the sandy dunes (high altitude, 186.2 to 200.3 m); site B2, E1, E2(U) and E3(U) are located in the transitional zones (medium altitude, 185.8 to 190.7 m); and site C2(G), C2(M), C3 and D1 are located in the meadows lands (low altitude, 188.6 to 189.5 m).

Fig. 4. Monthly ground water level (GWL) at the measurement sites (Table 2). Site A1, A3, F1 and F3 are located in the sandy dunes (high altitude, 186.2 to 200.3 m); site B2, E1, E2(U) and E3(U) are located in the transitional zones (medium altitude, 185.8 to 190.7 m); and site C2(G), C2(M), C3 and D1 are located in the meadows lands (low altitude, 188.6 to 189.5 m). The depth to water table at a site is computed as the ground surface level presented in the bracket next to the site name minus the GWL.