

Table 5. Comparison of several long-term basin-wide water budgets on an annual basis. Pan evaporation is included for comparison.

Item	Osceola County Area <sup>1</sup>		Taylor Creek Watershed <sup>2</sup>			Monreve Ranch <sup>3</sup>		EAA <sup>4</sup>	Green Swamp <sup>5</sup>	
	S65 <sup>6</sup>	Jane <sup>7</sup> Green Creek	Wolf <sup>8</sup> Creek	W-2 <sup>9</sup>	W-3 <sup>10</sup>	W-5 <sup>11</sup>	W-4 <sup>12</sup>	W-4 <sup>13</sup>		
	-----mm-----									
Precipitation	1320	1320	1320	1240	1210	1320	1420	1550	1340	1320
Discharge	240	380	480	350	300	390	380	480	290	250
ET <sup>14</sup>	1080	940	840	890	910	920	1040	1070	1050	1020
Pan evaporation	—	—	—	1520	1520	1500	1490	1480	1550	—

<sup>1</sup>Source: USGS Open File Report 79-1289. Lake evaporation estimated to be 1300 mm.

<sup>2</sup>Source: Hydrology and Hydrogeology of the Upper Taylor Creek Watershed, Okeechobee County, Florida. USDA Technical Bulletin \_\_\_\_\_. (In Press). Knisel, Yates, Sheridan, Woody, Allen, and Asmussen. Monthly ET was also reported.

<sup>3</sup>Source: Allen, et al. (1982). Monthly ET was also reported.

<sup>4</sup>Source: South Florida Water Management District, R. Mierau, (personal communication). Area = 242,000 ha in this part of the Everglades Agricultural Area 11-year record (1962-1972).

<sup>5</sup>Source: USGS Water-Resources Investigations 78-99 (Grubb and Rutledge, 1979). The water balance also includes about 50 mm of flow to the Floridan Aquifer (Pride et al., 1966). Lake Helene evaporation in 1962 was 1350 mm (Pride, et al. 1966).

<sup>6</sup>Lake Kissimmee discharge structure. Area includes lakes and wetlands, as well as uplands.

<sup>7</sup>Eastern Osceola County flow to St. Johns River. Area includes wetlands but not lakes.

<sup>8</sup>Eastern Osceola County flow to St. Johns River. Area includes no wetlands or lakes.

<sup>9</sup>15-year record (1959-1973). Area of 27,066 ha.

<sup>10</sup>15-year record (1959-1973). Area of 4,947 ha.

<sup>11</sup>8-year record (1965-1972). Area of 9,169 ha.

<sup>12</sup>5½-year record (Dec. 1967-May 1973). Area of 1,606 ha. Area includes ponds and wetlands.

<sup>13</sup>13-year record (1960-1972). Area of 1,606 ha. Precipitation includes an average of 76 mm per year of applied irrigation.

<sup>14</sup>Precipitation minus discharge. This assumes no net change in soil storage and no leakage to the aquifer.