

WS-9

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Input/Output of water, suspended sediment, and dissolved inorganics in WS#9 in
kg/ha 1969 - 1984.

WATER YEAR	Water (cm)	Susp Seds	Ortho-P	Na	K	Ca	Mg	SiO ₂
1969								
In	207.04	21.73	0.01	1.26	0.20	7.15	0.59	
Out	146.48	42.90	0.20	29.70	0.65	45.24	11.68	
Net		-21.17	-0.19	-28.44	-0.45	-38.09	-11.09	-216.88*
1970								
In	177.14	19.94	0.02	2.16	0.13	1.94	1.26	0.24
Out	105.65	22.27	0.17	21.31	0.31	40.72	11.19	170.49
Net		-2.33	-0.15	-19.15	-0.18	-38.78	-9.93	-170.25
1971								
In	213.94	24.92	0.22	5.46	0.28	2.59	2.13	8.36
Out	148.19	23.06	0.27	32.34	0.61	53.18	19.65	227.76
Net		+1.86	-0.05	-26.88	-0.33	-50.59	-17.52	-219.41
1972								
In	254.25	16.26	0.01	7.99	0.26	4.61	0.76	8.76
Out	198.77	65.97	0.46	39.17	1.52	66.06	16.28	228.43
Net		-49.71	-0.45	-31.18	-1.26	-61.45	-15.52	-219.66
1973								
In	148.16	32.02	0.09	2.19	0.50	0.34	0.57	4.89
Out	63.33	5.48	0.14	11.45	0.84	17.40	5.77	56.12
Net		+26.54	-0.05	-9.26	-0.34	-17.06	-5.20	-51.32
1974								
In	241.15	36.42	0.10	4.30	2.08	3.71	1.37	13.11
Out	196.33	188.88	0.58	40.89	5.73	66.98	19.09	225.96
Net		-152.46	-0.48	-36.59	-3.65	-63.27	-17.72	-212.85

WATER YEAR	Water (cm)	Susp Seds	Ortho-P	Na	K	Ca	Mg	SiO ₂
1975								
In	200.38	27.51	0.03	6.40	0.62	5.26	1.15	1.99
Out	137.96	29.53	0.28	29.13	1.95	39.10	11.51	179.83
Net		-2.02	-0.25	-22.73	-0.97	-33.84	-10.36	-177.84
1976								
In	220.78	34.87	0.06	5.91	1.92	5.51	1.17	4.05
Out	160.61	115.66	0.39	36.84	2.19	63.36	15.17	174.84
Net		-80.79	-0.33	-30.93	-0.27	-57.85	-14.00	-170.79
1977								
In	115.52	23.30	0.04	4.44	1.88	1.90	0.85	3.62
Out	30.51	3.80	0.04	7.36	0.78	14.16	3.33	36.19
Net		+19.50	0.0	-2.92	+1.10	-12.26	-2.48	-32.57
1978								
In	215.44	24.81	0.12	8.45	2.45	1.69	0.88	3.39
Out	123.27	20.06	0.27	27.83	1.95	45.43	12.37	150.81
Net		+4.75	-0.15	-19.38	+0.50	-43.74	-11.49	-147.43
1979								
In	164.62	45.80	0.10	1.28	4.03	5.90	0.48	7.48
Out	107.97	18.06	0.25	20.36	3.62	45.95	9.91	152.25
Net		+27.74	-0.15	-19.08	+0.41	-40.05	-9.43	-141.54
1980								
In	171.91	34.58	0.11	5.76	3.00	1.78	0.94	5.64
Out	109.82	16.63	0.24	25.95	2.75	42.60	12.49	200.55
Net		+17.95	-0.13	-20.20	+0.25	-40.82	-11.55	-194.91

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WATER YEAR	Water (cm)	Susp Seds	Ortho-P	Na	K	Ca	Mg	SiO ₂
1981		<i>if</i>						
In	191.67	93.87	0.07	3.00	1.41	3.79	1.04	1.74
Out	99.55	19.16	0.20	22.48	1.75	40.44	12.38	185.29
Net		+74.71	-0.13	-19.48	-0.34	-36.65	-11.34	-183.56
1982								
In	238.86	31.35	0.02	5.84	2.03	4.43	1.99	3.92
Out	182.14	62.56	0.14	43.21	3.27	72.30	20.65	307.52
Net		-31.21	-0.12	-37.37	-1.24	-67.87	-18.66	-303.60
1983								
In	232.31	49.00		4.69	1.20	1.19	0.69	1.18
Out	152.19	32.28		34.91	11.52	58.76	17.96	223.39
Net		+16.72		-30.22	-10.32	-57.57	-17.27	-222.21
1984								
In	243.71	29.56		11.20	1.07	3.09	0.97	1.24
Out	175.23	40.66		43.20	2.94	30.52	19.70	339.54
Net		-11.10		-32.00	-1.87	-27.43	-18.73	-338.29

* SiO₂ estimated from 1971 value.

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Input/Output of water, suspended sediment, and dissolved inorganies in ws4f10
in kg{ha 1969 - 1984.

WATER YEAR	Water (em)	Susp Seds	Ortho-P	Na	K	Ca	Mg	Si02
1969								
In	253.0	26.62	0.01	1.54	0.25	8.77	0.73	
Out	169.0	69.44	0.42	33.74	1.36	53.62	12.67	
Net		-42.82	-0.41	-32.30	-1.11	-44.85	-11.94	-199.91*
1970								
In	215.9	24.27	0.02	2.62	0.16	2.36	1.53	0.28
Out	134.6	38.33	0.44	25.85	2.26	50.60	12.51	213.57
Net		-14.06	-0.42	-23.23	-2.10	-48.24	-10.98	-213.29
1971								
In	272.1	29.97	0.28	6.64	0.32	3.21	2.78	11.45
Out	172.3	37.06	0.71	37.64	0.98	60.91	17.96	211.43
Net		-7.09	-0.43	-31.00	-0.66	-57.70	-15.18	-199.98
1972								
In	286.3	18.77	0.02	3.98	0.33	4.92	0.82	9.87
Out	228.5	269.51	0.85	43.48	3.25	70.20	16.76	303.75
Net		-250.74	-0.83	-39.50	-2.92	-65.28	-15.18	-293.88
1973								
In	167.8	35.89	0.08	2.59	0.59	0.13	1.07	6.12
Out	80.2	9.72	0.31	13.94	1.46	23.24	6.64	80.12
Net		+26.17	-0.23	-11.35	-0.87	-23.11	-5.57	-73.89
1974								
In	302.3	45.12	0.13	5.30	2.48	4.50	1.56	17.49
Out	227.8	355.68	1.00	45.32	10.73	79.02	19.71	231.92
Net		-310.56	-0.87	-40.02	-8.25	-74.52	-18.15	-214.44

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WATERSHED 10 Cont.

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WATER YEAR	Water (em)	Susp Seds	Ortho-P	Na	K	Ca	Mg	SiO ₂
1975								
In	219.15	28.65	0.03	6.95	0.66	6.04	1.28	2.25
Out	151.39	121.58	0.51	30.54	3.36	44.21	11.52	260.53
Net		-92.93	-0.48	-23.59	-2.70	-38.17	-10.24	-258.28

WATERSHED 10 LOGGED

1976

In	240.11	37.93	0.07	6.43	2.07	5.96	1.27	4.39
Out	195.49	1420.64	0.74	40.86	5.90	72.29	15.81	178.16
Net		-1382.71	-0.67	-34.43	-3.83	-66.33	-14.54	-173.76

1977

In	125.22	26.18	0.04	4.77	2.07	2.14	0.91	4.11
Out	76.11	14.15	0.21	18.01	2.84	35.01	7.44	95.14
Net		+12.03	-0.17	-13.24	-0.77	-32.87	-6.53	-91.03

1978

In	234.42	25.95	0.14	9.04	2.56	1.77	0.94	3.69
Out	186.18	760.06	0.65	38.18	5.72	60.44	15.07	230.08
Net		-734.11	-0.51	-29.14	-3.16	-58.67	-14.13	-226.39

1979

In	178.59	50.57	0.11	1.42	4.42	6.46	0.50	8.12
Out	138.06	161.22	0.54	23.73	5.96	52.79	10.22	193.09
Net		-110.65	-0.43	-22.31	-1.54	-46.33	-9.72	-184.97

1980

In	183.62	36.09	0.11	6.21	3.24	1.91	1.01	6.15
Out	134.67	92.78	0.46	28.93	4.84	47.10	1.92	245.10
Net		-56.69	-0.35	-22.72	-1.60	-45.19	-10.91	-238.95

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In	202.62	99.41)	0.08	3.15	1.49	3.96	1.10	1.91
Out	139.99	52.38	0.48	28.76	3.75	49.81	13.35	279.09
Net		+47.09	-0.40	-25.61	-2.26	-45.85	-12.25	-277.18

1982

In	254.03	33.52	0.03	6.06	2.08	4.65	2.10	4.14
Out	208.71	181.89	0.34	41.18	5.27	66.33	17.59	326.12
Net		-148.37	-0.31	-35.12	-3.19	-61.68	-15.49	-321.99

1983

In	245.67	51.77		4.89	1.21	1.16	0.71	1.24
Out	194.67	87.47		38.48	4.75	58.84	16.46	274.50
Net		-35.70		-33.59	-3.54	-57.68	-15.75	-273.26

1984

In	245.59	29...99		11.43	1.06	3.11	0.98	1.18
Out	205.96	112.20		43.62	4.81	29.25	16.38	415.99
Net		-82.71		-32.19	-3.75	-26.14	-15.40	-414.81

* SiO₂ estimated from 1971 value.