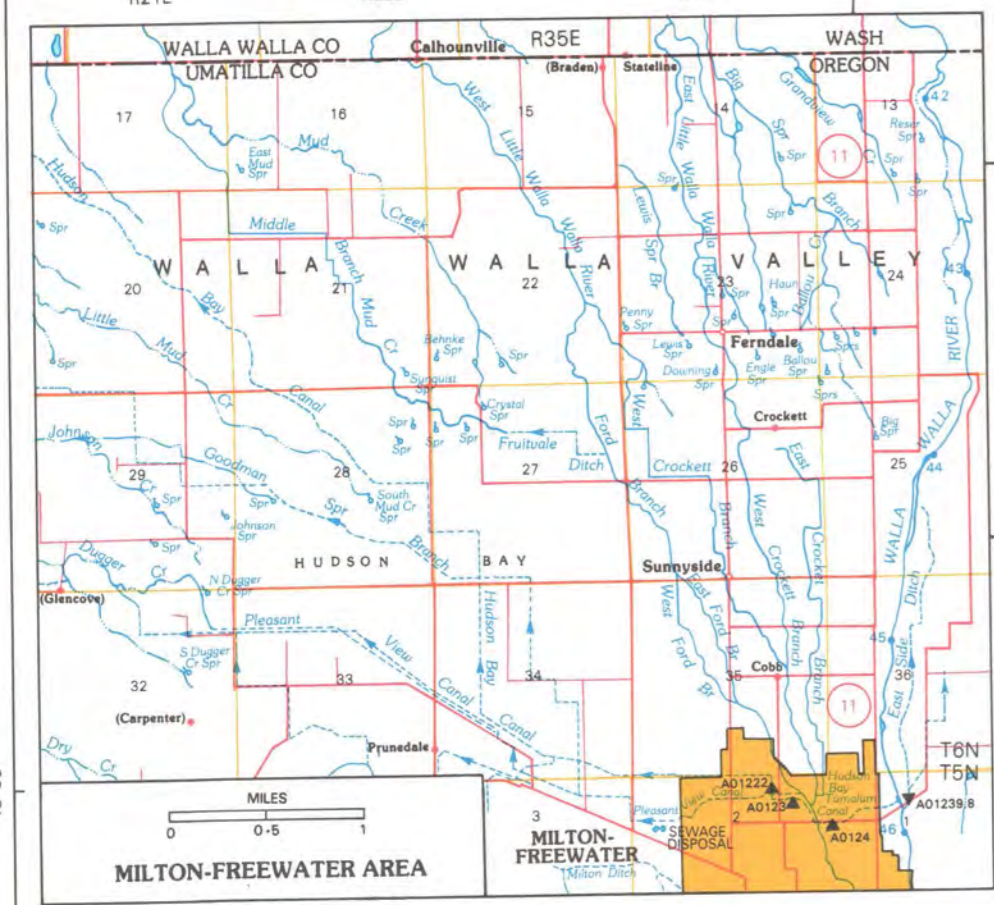
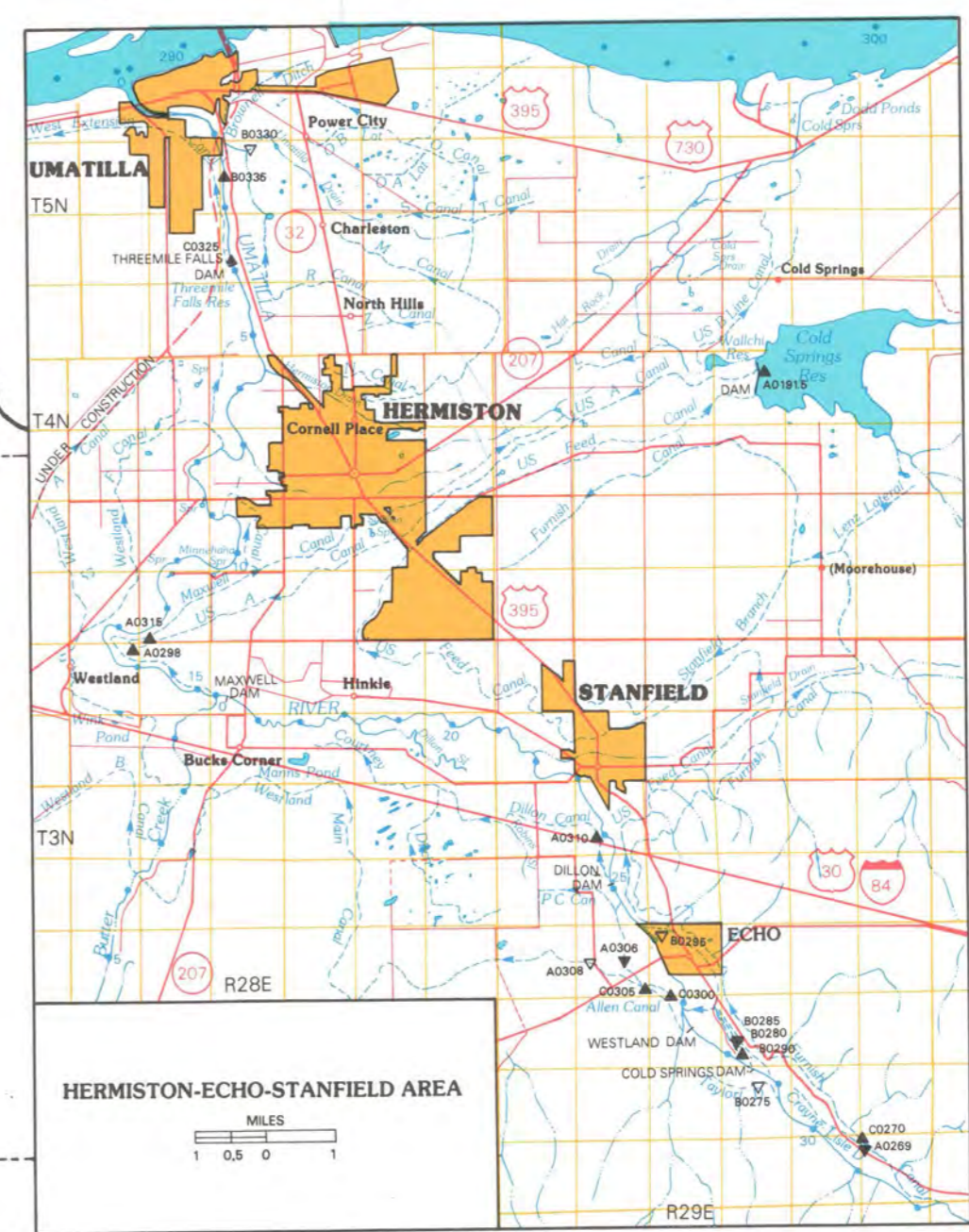


LEGEND

- INCORPORATED CITY
 - OVER 10,000
 - 1,000 - 10,000
 - UNDER 1,000
- UNINCORPORATED COMMUNITY
- PLACE NAME
- FORMER COMMUNITY
- Includes place names of historical significance
- ROADS: PAVED, GRAVEL, DIRT
- AIRPORT: PUBLIC, PRIVATE, MILITARY
- BOAT LANDING
- PARK, CAMPGROUND
- Includes State parks and wayides, Forest Service camps, BLM camps
- County and Municipal parks, Organizational camps, Resorts and Hunter camps
- RANGER STA. GUARD STA. LOOKOUT
- ELEVATIONS IN FEET: LAND, WATER, ROAD
- Elevations shown on Reservoirs are at maximum pool
- PERENNIAL STREAM, LAKE
- INTERMITTENT STREAM, LAKE
- STREAM MILES (MILES ABOVE MOUTH)
- CANAL OR DITCH
- WATER PIPELINE, SIPHON, FLUME, TUNNEL
- STREAM OR CANAL GAGE
- Active station with 10 years of record or more
- Active station with less than 10 years of record
- Inactive station with 10 years of record or more
- Inactive station with less than 10 years of record
- AGENCY A = OWRD B = USGS C = OWRD/USGS
- FALLS, RAPIDS
- MARSH, MEADOW
- SPRING
- WATER TANK
- INDIAN RESERVATION
- MILITARY RESERVATION
- NATIONAL FOREST
- WILDERNESS AREA, WILDLIFE REFUGE



0 1 2 3 4 5
MILES
POLYCONIC PROJECTION

OREGON WATER RESOURCES DEPARTMENT
SALEM, OREGON

1988

UMATILLA DRAINAGE BASIN
OREGON

MAP NO. 7.6

OAR 690-507-0030

Exhibit 507-1: Walla Walla Subbasin Serious Water Management Problem Area.

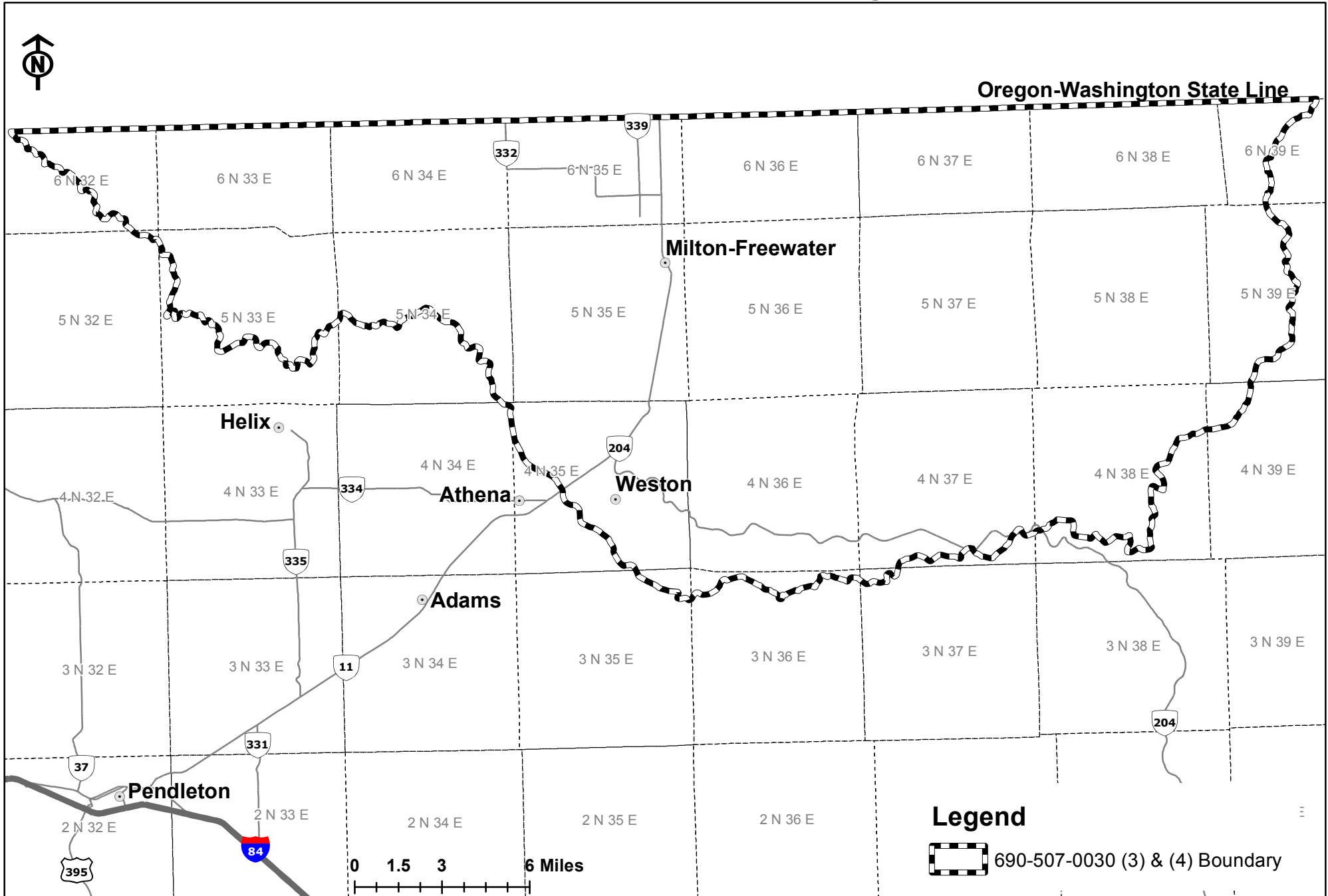


Table 1: Minimum Perennial Streamflows

TABLE 1
MINIMUM PERENNIAL STREAMFLOWS
(cfs)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	PRIORITY DATE
WALLA WALLA SUBBASIN													
Walla Walla River from the confluence of the North Fork and South Fork to the Little Walla Walla diversion.													
	30	30	70	70	95	95	95	95	70	50	50	50	11-3-83
North Fork Walla Walla River from below the confluence of Little Meadow Creek to the mouth.													
	5	5	25	25	36	36	36	36	25	15	15	15	3-31-88
South Fork Walla Walla River from below the confluence of Elbow Creek to the mouth.													
	25	25	60	60	80	80	80	80	60	40	40	40	3-31-88
Mill Creek from the City of Walla Walla Diversion to the stateline.													
	32	35	37	44	53	63	86	64	39	32	31	31	3-31-88
Couse Creek at the mouth.													
	5	10	25	25	25	25	25	25	10	5	5	2	3-31-88
UPPER UMATILLA SUBBASIN													
Umatilla River from below the confluence of the Forks to the confluence of Meacham Creek.													
	25	25	60	60	97	97	97	97	60	40	40	40	3-31-88
Umatilla River from Meacham Creek to McKay Creek.													
	200	200	200	200	240	240	240	240	200	100	60	60	11-3-83

* flow levels are split for days 1-15/16-31

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP PRIORITY
DATE

Umatilla River from McKay Creek to the mouth.

300	300/250*	250	250	250	250	250	250	250	120	85	85/250*	11-3-83
-----	----------	-----	-----	-----	-----	-----	-----	-----	-----	----	---------	---------

North Fork Umatilla River from below the confluence of Coyote Creek.

12	12	25	25	40	40	40	40	25	25	25	25	3-31-88
----	----	----	----	----	----	----	----	----	----	----	----	---------

South Fork Umatilla River from below the confluence of Thomas Creek.

15	15	30	30	58	58	58	58	30	30	30	30	3-31-88
----	----	----	----	----	----	----	----	----	----	----	----	---------

Buck Creek at the mouth.

5	5	10	16	16	16	16	16	15	5	5	5	3-31-88
---	---	----	----	----	----	----	----	----	---	---	---	---------

Thomas Creek from below the confluence of Spring Creek to the mouth.

3	3	15	15	25	25	25	25	15	8	3	3	3-31-88
---	---	----	----	----	----	----	----	----	---	---	---	---------

North Fork Meacham Creek from below the confluence of Bear Creek.

10	10	40	40	70	70	70	70	40	25	10	10	3-31-88
----	----	----	----	----	----	----	----	----	----	----	----	---------

Camp Creek at the mouth.

5	5	11	11	11	11	11	11	5	5	5	5	3-31-88
---	---	----	----	----	----	----	----	---	---	---	---	---------

Squaw Creek from below the confluence of Little Squaw Creek.

4	4	20	20	27	27	27	27	20	12	4	4	3-31-88
---	---	----	----	----	----	----	----	----	----	---	---	---------

Ryan Creek at the mouth.

5	10	15	15	15	15	15	15	15	10	5	5	3-31-88
---	----	----	----	----	----	----	----	----	----	---	---	---------

* flow levels are split for days 1-15/16-31

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP PRIORITY
DATE

BIRCH AND MCKAY CREEKS SUBBASIN

Birch Creek from the confluence of the East and West Forks
of Birch Creek to the mouth.

8	8	20	20	30	30	30	30	20	12	8	8	11-3-83
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West Fork Birch Creek from below the confluence of Owings
Creek.

5	5	20	20	24	24	24	24	20	10	5	5	3-31-88
---	---	----	----	----	----	----	----	----	----	---	---	---------

Bridge Creek at the mouth.

2	2	5	7	7	7	7	7	2	2	2	2	3-31-88
---	---	---	---	---	---	---	---	---	---	---	---	---------

Stanley Creek at the mouth.

2	2	5	6	6	6	6	6	2	2	2	2	3-31-88
---	---	---	---	---	---	---	---	---	---	---	---	---------

Pearson Creek at the mouth.

2	2	5	18	18	18	18	18	10	5	2	2	3-31-88
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* flow levels are split for days 1-15/16-31