

STATE OF OREGON
COUNTY OF JACKSON
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

(Talent)

U. S. BUREAU OF RECLAMATION
1150 NORTH CURTIS ROAD
BOISE, IDAHO 83706

confirms the right to use the waters of

EMIGRANT CREEK and EMIGRANT RESERVOIR, constructed under permit R-2209; tributaries of BEAR CREEK, at a rate limited to 250 CUBIC FEET PER SECOND, the point of diversion is located at the outlet of Emigrant Reservoir, SESE of Section 20, Township 39 South, Range 2 East, W.M.

S FK LITTLE BUTTE CREEK, a tributary of LITTLE BUTTE CREEK, at a rate limited to 60 CFS, the point of diversion is located 1240 FEET NORTH AND 1100 FEET WEST OF SE 1/4 CORNER of SECTION 16, being within the SESE of Section 16, Township 37 South, Range 4 East, W.M.

CONDE CREEK, a tributary of S FK LITTLE BUTTE CREEK, at a rate limited to 25 CFS, the point of diversion is located 1320 FEET NORTH AND 600 FEET EAST FROM SW CORNER of SECTION 9, being within the SWSW, Section 9, Township 38 South, Range 3 East, W.M.

DEAD INDIAN CREEK, a tributary of S FK LITTLE BUTTE CREEK, at a rate limited to 60 CFS, the point of diversion is located 1310 FEET NORTH AND 1100 FEET WEST FROM SOUTH 1/4 CORNER of SECTION 15, being within SESW, Section 15, Township 38 South, Range 3 East, W.M.

Appeal Rights

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

DALEY CREEK, a tributary of S FK LITTLE BUTTE CREEK, at a rate limited to 25 CFS, the point of diversion is located 750 FEET NORTH AND 480 FEET EAST FEET FROM S 1/4 CORNER of SECTION 34, being within SWSE of Section 34, Township 37 South, Range 4 East, W.M.

BEAVER DAM CREEK, a tributary of S FK LITTLE BUTTE CREEK, at a rate limited to 40 CFS, the point of diversion is located 2000 FEET NORTH AND 1800 FEET EAST OF SW CORNER of SECTION 4, being within the NESW of Section 4, Township 38 South, Range 4 East, W.M.

POLE BRIDGE CREEK, a tributary of S FK LITTLE BUTTE CREEK, at a rate limited to 9.6 CFS, the point of diversion is located 1380 FEET SOUTH AND 2000 FEET EAST FROM NW CORNER of SECTION 28, being within the SENW of Section 28, Township 37 South, Range 4 East, W.M.

DEADWOOD CREEK, a tributary of S FK LITTLE BUTTE CREEK, at a rate limited to 15 CFS, the point of diversion is located within the NESE of Section 6, Township 38 South, Range 4 East, W.M.

KEENE CREEK and KEENE CREEK RESERVOIR, tributaries of JENNY CREEK, at a rate limited to 136 CFS, the points of diversion are located - at Hyatt Reservoir - 15 FEET NORTH AND 1200 FEET WEST OF SE CORNER OF SECTION 16, being within the SESE of Section 16, Township 39 South, Range 3 East, W.M.; - rediversion at Little Hyatt Pool Diversion - 800 FEET NORTH AND 750 FEET WEST OF SE CORNER OF SECTION 20, being within the SESE of Section 20, Township 39 South, Range 3 East, W.M.; - at Keene Cr. Diversion Dam (beginning of Green Springs Tunnel) - 1200 FEET NORTH AND 1200 FEET EAST OF SW CORNER OF SECTION 33, being within the SWSW of Section 33, Township 39 South, Range 3 East, W.M.

GRIZZLY CREEK AND HOWARD PRAIRIE RESERVOIR, constructed under permit R-2210, tributaries of JENNY CREEK, at a rate limited to 60 CFS, the point of diversion is located within E 1/2 of SW 1/4 of Section 32, Township 38 South, Range 4 East, W.M.

SODA CREEK, a tributary of GRIZZLY CREEK, at a rate limited to 11 CFS, the point of diversion is located 2200 FEET SOUTH AND 60 FEET EAST OF NW CORNER of SECTION 8 being within SWNW of Section 8, Township 39 South, Range 4 East, W.M., and

LITTLE BEAVER CREEK, a tributary of JENNY CREEK, at a rate limited to 24 CFS, the point of diversion is located 600 FEET NORTH AND 1930 FEET EAST FROM SW CORNER of SECTION 19, being within SESW of Section 19, Township 39 South, Range 4 East, W.M.

for PRIMARY IRRIGATION of 3413 ACRES AND SUPPLEMENTAL IRRIGATION of 13207.77 ACRES within the TALENT IRRIGATION DISTRICT.

This right was perfected under Permit 25915. The date of priority is JUNE 8, 1953, for SODA CREEK AND LITTLE BEAVER CREEK; and SEPTEMBER 6, 1915, for all other streams. (These streams were withdrawn by applications numbered 4496 and 4498. Grizzly Creek as listed herein is known as Beaver Creek in application 4498.) This right is limited to not more than the rate listed for each stream above; or its equivalent in case of rotation, measured at the point of diversion from the source.

This right is further limited to 136 CFS from Keene Creek, Little Beaver Creek, Soda Creek and Grizzly Creek (tributaries of Jenny Creek) tributaries of Klamath River; and from HOWARD PRAIRIE AND HYATT PRAIRIE RESERVOIRS through the Green Springs Power Conduit into Emigrant Creek and thence into and through Emigrant Reservoir.

This right is further limited to 60 CFS from the South Fork of Little Butte Creek and its tributaries (Polebridge Creek, Daley Creek, Beaver Dam Creek, Deadwood Creek, Conde Creek and Dead Indian Creek) into and through HOWARD PRAIRIE RESERVOIR, and thence through the Green Springs Power Conduit into and through Emigrant Reservoir, said 60 cfs being a part of the total diversion of 136 cfs from the Jenny Creek and South Fork Little Butte Creek watersheds to Emigrant Creek watershed.

No water may be diverted from Little Butte Creek watershed for direct appropriation as a part of the 136 CFS herein granted for diversion from Jenny Creek watershed to Emigrant Creek watershed when the total diversion of 136 cfs can be taken from the natural flow of the tributaries of Jenny Creek.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-FORTIETH of one cubic foot per second (or its equivalent), and 4.5 acre-feet for each acre irrigated during the irrigation season of each year, PROVIDED that the combined uses of water under permits 25915 and 25916, and all certificates issued in respect thereto, shall not exceed the maximum rate listed for each source above, at any one point in time,

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use to which this right is appurtenant is as follows:

			Supp	Primary	Total
37.00S	2.00W	33	SESW	9.5	
37.00S	2.00W	33	SWSE	13.3	
37.00S	2.00W	33	SESE	1.2	
37.00S	2.00W	33			24.0
37.00S	2.00W	34	SWSW	2.6	
37.00S	2.00W	34	SESW	5.2	
37.00S	2.00W	34	SWSE	0.7	
37.00S	2.00W	34			8.5
37.00S	1.00W	26	SESW	5.7	
37.00S	1.00W	26	SWSE	6.7	
37.00S	1.00W	26			12.4
37.00S	1.00W	27	SWNE	3.6	
37.00S	1.00W	27	SWNW	15.8	
37.00S	1.00W	27	SESW	17.2	
37.00S	1.00W	27	SESW	35.5	
37.00S	1.00W	27	NWSW	14.2	
37.00S	1.00W	27	NESE	18.2	
37.00S	1.00W	27	NWSE	34.8	
37.00S	1.00W	27	SWSE	37.8	
37.00S	1.00W	27	SESE	35.8	
37.00S	1.00W	27			212.9
37.00S	1.00W	33	NESE	0.7	
37.00S	1.00W	33			0.7
37.00S	1.00W	34	NENE	34.6	
37.00S	1.00W	34	NWNE	18.5	
37.00S	1.00W	34	SWNE	2.1	
37.00S	1.00W	34	SENE	33.1	
37.00S	1.00W	34	NENW	5.2	
37.00S	1.00W	34	NWNW	2.8	
37.00S	1.00W	34	SWNW	18.5	
37.00S	1.00W	34	SESW	33.0	
37.00S	1.00W	34	SESW	23.9	
37.00S	1.00W	34	NWSW	16.3	
37.00S	1.00W	34	SESW	22.1	
37.00S	1.00W	34	NESE	33.3	
37.00S	1.00W	34	NWSE	16.8	
37.00S	1.00W	34	SWSE	38.6	
37.00S	1.00W	34	SESE	30.7	
37.00S	1.00W	34			329.5

37.00S 1.00W	35	NENE			
37.00S 1.00W	35	NWNE		3.1	
37.00S 1.00W	35	SWNE		10.0	
37.00S 1.00W	35	SENE		1.2	
37.00S 1.00W	35	NENW		18.5	
37.00S 1.00W	35	NWNW		21.5	
37.00S 1.00W	35	SWNW		20.0	
37.00S 1.00W	35	SENW		32.7	
37.00S 1.00W	35	NESW		29.2	
37.00S 1.00W	35	NWSW		33.3	
37.00S 1.00W	35	SWSW		39.7	
37.00S 1.00W	35	SESW		37.0	
37.00S 1.00W	35	NESE		21.7	
37.00S 1.00W	35	NWSE		30.9	
37.00S 1.00W	35	SWSE		7.3	
37.00S 1.00W	35				306.1
38.00S 2.00W	1	SWNW		0.4	
38.00S 2.00W	1	NESW		11.1	
38.00S 2.00W	1	NWSW		34.3	
38.00S 2.00W	1	SWSW	20.5	1.5	
38.00S 2.00W	1	SESW	25.3		
38.00S 2.00W	1	NESE	13.6		
38.00S 2.00W	1	NWSE	9.3		
38.00S 2.00W	1	SWSE	16.3		
38.00S 2.00W	1	SESE	12.1	0.4	
38.00S 2.00W	1				144.8
38.00S 2.00W	2	NWNE		7.7	
38.00S 2.00W	2	SWNE	33.4		
38.00S 2.00W	2	SENE		14.9	
38.00S 2.00W	2	NENW		8.6	
38.00S 2.00W	2	NWNW		29.6	
38.00S 2.00W	2	SWNW	39.2		
38.00S 2.00W	2	SENW	28.9		
38.00S 2.00W	2	NESW	28.3		
38.00S 2.00W	2	NWSW	29.5		
38.00S 2.00W	2	SWSW	5.9		
38.00S 2.00W	2	SESW	37.2		
38.00S 2.00W	2	NESE	21.3		
38.00S 2.00W	2	NWSE	32.2		
38.00S 2.00W	2	SWSE	14.2	7.1	
38.00S 2.00W	2	SESE	9.5	0.3	
38.00S 2.00W	2				347.8

38.00S 2.00W	3	NENE	22.3		
38.00S 2.00W	3	NWNE	13.3		
38.00S 2.00W	3	SWNE	7.5		
38.00S 2.00W	3	SENE	25.5		
38.00S 2.00W	3	NENW	9.4		
38.00S 2.00W	3	NWNW	11.0		
38.00S 2.00W	3	SWNW	0.0		
38.00S 2.00W	3	NESE	11.1		
38.00S 2.00W	3	SESE	0.9		
38.00S 2.00W	3				101.0
38.00S 2.00W	4	NENE	18.3		
38.00S 2.00W	4	NWNE	28.0		
38.00S 2.00W	4	SWNE	5.4		
38.00S 2.00W	4	SENE	7.2		
38.00S 2.00W	4	NENW	5.4		
38.00S 2.00W	4				64.3
38.00S 2.00W	10	SWNE	0.2		
38.00S 2.00W	10	SENE	9.1		
38.00S 2.00W	10	NESE	28.7		
38.00S 2.00W	10	NWSE		2.8	
38.00S 2.00W	10	SWSE		1.4	
38.00S 2.00W	10	SESE	14.3		
38.00S 2.00W	10				56.5
38.00S 2.00W	11	NENE	5.0		
38.00S 2.00W	11	NWNE	31.6		
38.00S 2.00W	11	SWNE	19.8		
38.00S 2.00W	11	SENE	32.0		
38.00S 2.00W	11	NENW	33.2		
38.00S 2.00W	11	NWNW	8.6		
38.00S 2.00W	11	SWNW	21.7		
38.00S 2.00W	11	SENE	29.8		
38.00S 2.00W	11	NESW	23.7		
38.00S 2.00W	11	NWSW	33.4		
38.00S 2.00W	11	SWSW	32.9		
38.00S 2.00W	11	SESW	39.6		
38.00S 2.00W	11	NESE	24.5		
38.00S 2.00W	11	NWSE	15.0	10.7	
38.00S 2.00W	11	SWSE	39.5		
38.00S 2.00W	11	SESE	36.5		
38.00S 2.00W	11				437.5
38.00S 2.00W	12	NENE	19.6		
38.00S 2.00W	12	NWNE	2.2	1.4	

38.00S 2.00W	12	SWNE	1.4	8.0	
38.00S 2.00W	12	SENE	32.3	5.9	
38.00S 2.00W	12	NENW	28.5		
38.00S 2.00W	12	NWNW	9.6		
38.00S 2.00W	12	SWNW	17.8		
38.00S 2.00W	12	SENW	13.1		
38.00S 2.00W	12	NESW	21.3		
38.00S 2.00W	12	NWSW	13.6	2.2	
38.00S 2.00W	12	SWSW	30.4	2.5	
38.00S 2.00W	12	SESW	33.7		
38.00S 2.00W	12	NESE	30.3	1.6	
38.00S 2.00W	12	NWSE	36.8		
38.00S 2.00W	12	SWSE	8.6	1.5	
38.00S 2.00W	12	SESE	16.8	1.0	
38.00S 2.00W	12				340.1
38.00S 2.00W	13	NENE		5.8	
38.00S 2.00W	13	NWNE	20.8		
38.00S 2.00W	13	SWNE		5.7	
38.00S 2.00W	13	SENE		1.1	
38.00S 2.00W	13	NENW	29.9		
38.00S 2.00W	13	NWNW	30.4		
38.00S 2.00W	13	SWNW	11.4		
38.00S 2.00W	13	SENW		0.9	
38.00S 2.00W	13	NESW		2.4	
38.00S 2.00W	13				108.4
38.00S 2.00W	14	NENE	31.7		
38.00S 2.00W	14	NWNE	18.6		
38.00S 2.00W	14	SWNE	0.1		
38.00S 2.00W	14	SENE	1.9		
38.00S 2.00W	14	NENW	15.1		
38.00S 2.00W	14	NWNW	26.5		
38.00S 2.00W	14	SWNW		0.1	
38.00S 2.00W	14				94.0
38.00S 2.00W	15	NENE	17.4	1.6	
38.00S 2.00W	15	NWNE		0.9	
38.00S 2.00W	15	SENE		1.3	
38.00S 2.00W	15				21.2
38.00S 1.00W	1	NWNW	22.2		
38.00S 1.00W	1	SWNW	7.4		
38.00S 1.00W	1	NWSW	9.0		
38.00S 1.00W	1	SWSW	30.8		
38.00S 1.00W	1	SESW	1.0		

38.00S 1.00W	1			70.4
38.00S 1.00W	2	NWNE		9.6
38.00S 1.00W	2	SWNE	0.8	
38.00S 1.00W	2	SENE	24.3	
38.00S 1.00W	2	NENW		26.7
38.00S 1.00W	2	NWNW		38.6
38.00S 1.00W	2	SWNW		24.4
38.00S 1.00W	2	SENW		0.2
38.00S 1.00W	2	NESW		4.4
38.00S 1.00W	2	NWSW	23.0	0.3
38.00S 1.00W	2	SWSW	18.7	
38.00S 1.00W	2	SESW		16.6
38.00S 1.00W	2	NESE	38.6	
38.00S 1.00W	2	NWSE	0.9	
38.00S 1.00W	2	SESE	30.6	
38.00S 1.00W	2			257.7
38.00S 1.00W	3	NENE		33.7
38.00S 1.00W	3	NWNE		39.6
38.00S 1.00W	3	SWNE		38.6
38.00S 1.00W	3	SENE		37.5
38.00S 1.00W	3	NENW		25.2
38.00S 1.00W	3	SENW		10.2
38.00S 1.00W	3	NESW	13.0	
38.00S 1.00W	3	SESW	31.2	
38.00S 1.00W	3	NESE	38.0	
38.00S 1.00W	3	NWSE	38.5	
38.00S 1.00W	3	SWSE	35.9	
38.00S 1.00W	3	SESE	26.9	
38.00S 1.00W	3			368.3
38.00S 1.00W	6	NWSW	3.6	
38.00S 1.00W	6	SWSW	40.0	
38.00S 1.00W	6	SESW	7.3	
38.00S 1.00W	6			50.9
38.00S 1.00W	7	SWNE	6.5	
38.00S 1.00W	7	NENW	0.7	
38.00S 1.00W	7	NWNW	5.3	
38.00S 1.00W	7	SWNW	0.1	
38.00S 1.00W	7	SENW	3.0	
38.00S 1.00W	7	NESW	36.4	
38.00S 1.00W	7	NWSW	16.8	0.6
38.00S 1.00W	7	SWSW	25.4	1.4
38.00S 1.00W	7	SESW	36.5	0.6

38.00S 1.00W	7	NESE	32.8		
38.00S 1.00W	7	NWSE	37.0		
38.00S 1.00W	7	SWSE	29.7	0.9	
38.00S 1.00W	7	SESE	32.4	5.9	
38.00S 1.00W	7				272.0
38.00S 1.00W	8	NESW	29.2		
38.00S 1.00W	8	NWSW	31.5		
38.00S 1.00W	8	SWSW	40.0		
38.00S 1.00W	8	SESW	35.2		
38.00S 1.00W	8	NESE	29.0		
38.00S 1.00W	8	NWSE	28.7		
38.00S 1.00W	8	SWSE	39.4		
38.00S 1.00W	8	SESE	35.2		
38.00S 1.00W	8				268.2
38.00S 1.00W	9	NESW	1.5		
38.00S 1.00W	9	NWSW	18.0		
38.00S 1.00W	9	SWSW	32.2		
38.00S 1.00W	9	SESW	32.6		
38.00S 1.00W	9				84.3
38.00S 1.00W	10	NENE	35.7		
38.00S 1.00W	10	NWNE	34.8		
38.00S 1.00W	10	SWNE	15.2		
38.00S 1.00W	10	SENE	36.6		
38.00S 1.00W	10	NENW	24.9		
38.00S 1.00W	10	NWNW	4.8		
38.00S 1.00W	10	NESE	38.2		
38.00S 1.00W	10	NWSE	2.3		
38.00S 1.00W	10	SESE	23.9		
38.00S 1.00W	10				216.4
38.00S 1.00W	11	NENE	26.5		
38.00S 1.00W	11	NWNE	29.2		
38.00S 1.00W	11	SWNE	35.6		
38.00S 1.00W	11	SENE	33.4		
38.00S 1.00W	11	NENW	37.4		
38.00S 1.00W	11	NWNW	37.3		
38.00S 1.00W	11	SWNW	35.7		
38.00S 1.00W	11	SENW	35.6		
38.00S 1.00W	11	NESW	38.1		
38.00S 1.00W	11	NWSW	39.8		
38.00S 1.00W	11	SWSW	26.3		
38.00S 1.00W	11	SESW	38.5		
38.00S 1.00W	11	NESE	38.6		

38.00S 1.00W	11	NWSE	40.0	
38.00S 1.00W	11	SWSE	40.0	
38.00S 1.00W	11	SESE	39.0	
38.00S 1.00W	11			571.0
38.00S 1.00W	12	NENW	8.9	
38.00S 1.00W	12	NWNW	37.3	
38.00S 1.00W	12	SWNW	25.8	
38.00S 1.00W	12	SEW	9.0	
38.00S 1.00W	12	NESW	16.7	
38.00S 1.00W	12	NWSW	27.8	
38.00S 1.00W	12	SWSW	37.0	
38.00S 1.00W	12	SESW	24.8	
38.00S 1.00W	12	NWSE	1.0	
38.00S 1.00W	12	SWSE	12.0	
38.00S 1.00W	12			200.3
38.00S 1.00W	13	NENE	2.3	
38.00S 1.00W	13	NWNE	36.1	
38.00S 1.00W	13	SWNE	38.0	
38.00S 1.00W	13	SENE	35.6	
38.00S 1.00W	13	NENW	36.8	
38.00S 1.00W	13	NWNW	39.1	
38.00S 1.00W	13	SWNW	35.8	
38.00S 1.00W	13	SEW	34.3	
38.00S 1.00W	13	NESW	39.6	
38.00S 1.00W	13	NWSW	37.9	
38.00S 1.00W	13	SWSW	38.2	
38.00S 1.00W	13	SESW	38.6	
38.00S 1.00W	13	NESE	40.0	
38.00S 1.00W	13	NWSE	35.2	
38.00S 1.00W	13	SWSE	39.5	
38.00S 1.00W	13	SESE	39.6	
38.00S 1.00W	13			566.6
38.00S 1.00W	14	NENE	29.3	
38.00S 1.00W	14	NWNE	35.0	
38.00S 1.00W	14	SWNE	17.9	
38.00S 1.00W	14	SENE	33.2	
38.00S 1.00W	14	NENW	23.7	
38.00S 1.00W	14	NWNW	3.7	
38.00S 1.00W	14	SWNW	0.4	
38.00S 1.00W	14	SEW	26.8	
38.00S 1.00W	14	NESW	12.2	
38.00S 1.00W	14	NWSW	6.0	

38.00S 1.00W	14	NESE	32.5		
38.00S 1.00W	14	NWSE	33.8		
38.00S 1.00W	14	SWSE	9.46		
38.00S 1.00W	14	SESE	13.3		
38.00S 1.00W	14				277.3
38.00S 1.00W	15	NENE	6.8		
38.00S 1.00W	15	SENE	0.5		
38.00S 1.00W	15	NESW	19.8	2.5	
38.00S 1.00W	15	NWSW	29.4		
38.00S 1.00W	15	SWSW	39.7		
38.00S 1.00W	15	SESW	35.8		
38.00S 1.00W	15	NWSE	6.0		
38.00S 1.00W	15	SWSE	33.2		
38.00S 1.00W	15	SESE	6.6		
38.00S 1.00W	15				180.3
38.00S 1.00W	16	NWNE	4.3		
38.00S 1.00W	16	SWNE	25.6		
38.00S 1.00W	16	SENE	4.6		
38.00S 1.00W	16	NENW	35.2		
38.00S 1.00W	16	NWNW	36.8		
38.00S 1.00W	16	SWNW	35.5		
38.00S 1.00W	16	SENW	39.4		
38.00S 1.00W	16	NESW	38.7		
38.00S 1.00W	16	NWSW	35.4		
38.00S 1.00W	16	SWSW	31.2		
38.00S 1.00W	16	SESW	32.8	2.3	
38.00S 1.00W	16	NESE	33.0		
38.00S 1.00W	16	NWSE	34.8	1.0	
38.00S 1.00W	16	SWSE	38.2		
38.00S 1.00W	16	SESE	36.7		
38.00S 1.00W	16				465.5
38.00S 1.00W	17	NENE	37.9		
38.00S 1.00W	17	NWNE	38.4		
38.00S 1.00W	17	SWNE	35.5		
38.00S 1.00W	17	SENE	35.5		
38.00S 1.00W	17	NENW	38.0		
38.00S 1.00W	17	NWNW	40.0		
38.00S 1.00W	17	SWNW	13.0	2.0	
38.00S 1.00W	17	SENW	17.7		
38.00S 1.00W	17	NESW	22.0		
38.00S 1.00W	17	NWSW	9.6		
38.00S 1.00W	17	SWSW	26.0		

38.00S 1.00W	17	SESW	22.7		
38.00S 1.00W	17	NESE	26.4		
38.00S 1.00W	17	NWSE	37.5		
38.00S 1.00W	17	SWSE	26.7		
38.00S 1.00W	17	SESE	26.5		
38.00S 1.00W	17				455.4
38.00S 1.00W	18	NENE	36.4		
38.00S 1.00W	18	NWNE	17.9	2.2	
38.00S 1.00W	18	SWNE	2.0		
38.00S 1.00W	18	SENE	18.8		
38.00S 1.00W	18	NENW	14.1		
38.00S 1.00W	18	NWNW	3.7		
38.00S 1.00W	18	SWNW		24.7	
38.00S 1.00W	18	SENE		1.9	
38.00S 1.00W	18	NESE		0.9	
38.00S 1.00W	18	NWSE		1.8	
38.00S 1.00W	18	SWSE		10.8	
38.00S 1.00W	18	SESE	24.7		
38.00S 1.00W	18				159.9
38.00S 1.00W	19	NENE		23.3	
38.00S 1.00W	19	NWNE		4.0	
38.00S 1.00W	19				27.3
38.00S 1.00W	20	NENE	29.8		
38.00S 1.00W	20	NWNE	26.0		
38.00S 1.00W	20	SWNE	19.0		
38.00S 1.00W	20	SENE	28.8		
38.00S 1.00W	20	NENW	14.9		
38.00S 1.00W	20	NWNW	17.0		
38.00S 1.00W	20	SENE	3.3		
38.00S 1.00W	20	NESE	11.8		
38.00S 1.00W	20	NWSE	3.6		
38.00S 1.00W	20				154.2
38.00S 1.00W	21	NENE	38.8		
38.00S 1.00W	21	NWNE	31.3		
38.00S 1.00W	21	SWNE	1.2		
38.00S 1.00W	21	SENE	30.1		
38.00S 1.00W	21	NENW	16.5		
38.00S 1.00W	21	NWNW	21.0		
38.00S 1.00W	21	SWNW	12.0		
38.00S 1.00W	21	SENE	2.0	1.9	
38.00S 1.00W	21	NESE	28.1		
38.00S 1.00W	21	NWSE	1.0		

38.00S 1.00W	21	SWSE	6.1		
38.00S 1.00W	21	SESE	35.3	2.8	
38.00S 1.00W	21				228.1
38.00S 1.00W	22	NENE	30.6		
38.00S 1.00W	22	NWNE	35.8		
38.00S 1.00W	22	SWNE	38.0		
38.00S 1.00W	22	SENE	35.6		
38.00S 1.00W	22	NENW	38.6		
38.00S 1.00W	22	NWNW	39.5		
38.00S 1.00W	22	SWNW	38.0		
38.00S 1.00W	22	SENW	36.5		
38.00S 1.00W	22	NESW	35.0		
38.00S 1.00W	22	NWSW	34.4		
38.00S 1.00W	22	SWSW	35.1		
38.00S 1.00W	22	SESW	39.7		
38.00S 1.00W	22	NESE	36.4		
38.00S 1.00W	22	NWSE	36.5		
38.00S 1.00W	22	SWSE	35.1		
38.00S 1.00W	22	SESE	40.0		
38.00S 1.00W	22				584.8
38.00S 1.00W	23	NENE	15.4		
38.00S 1.00W	23	NWNE	3.41		
38.00S 1.00W	23	SWNE	9.2		
38.00S 1.00W	23	SENE	29.3		
38.00S 1.00W	23	NWNW	2.0		
38.00S 1.00W	23	SWNW	27.3		
38.00S 1.00W	23	SENW	14.1		
38.00S 1.00W	23	NESW	19.9		
38.00S 1.00W	23	NWSW	24.5		
38.00S 1.00W	23	SWSW	14.6		
38.00S 1.00W	23	SESW	0.3		
38.00S 1.00W	23	NESE	12.8		
38.00S 1.00W	23	NWSE	20.2		
38.00S 1.00W	23	SWSE	2.4		
38.00S 1.00W	23	SESE	9.3		
38.00S 1.00W	23				204.7
38.00S 1.00W	24	NENE	40.0		
38.00S 1.00W	24	NWNE	39.9		
38.00S 1.00W	24	SWNE	33.1		
38.00S 1.00W	24	SENE	36.8		
38.00S 1.00W	24	NENW	35.9		
38.00S 1.00W	24	NWNW	33.6		

38.00S 1.00W	24	SWNW	28.0	
38.00S 1.00W	24	SEW	39.6	
38.00S 1.00W	24	NESW	35.1	
38.00S 1.00W	24	NWSW	29.3	
38.00S 1.00W	24	SWSW	4.7	
38.00S 1.00W	24	SESW	29.4	
38.00S 1.00W	24	NESE	40.0	
38.00S 1.00W	24	NWSE	35.2	
38.00S 1.00W	24	SWSE	36.0	
38.00S 1.00W	24	SESE	39.4	
38.00S 1.00W	24			536.0
38.00S 1.00W	25	NENE	39.0	
38.00S 1.00W	25	NWNE	22.5	
38.00S 1.00W	25	SWNE	1.5	
38.00S 1.00W	25	SENE	18.0	
38.00S 1.00W	25	NWNW	2.0	
38.00S 1.00W	25	SWNW	14.3	
38.00S 1.00W	25	SEW	4.3	
38.00S 1.00W	25	NESW	24.5	
38.00S 1.00W	25	NWSW	14.6	
38.00S 1.00W	25	SWSW	35.4	
38.00S 1.00W	25	SESW	30.6	
38.00S 1.00W	25	NESE	0.0	
38.00S 1.00W	25	NWSE	10.6	
38.00S 1.00W	25	SWSE	24.1	
38.00S 1.00W	25	SESE	13.1	
38.00S 1.00W	25			254.5
38.00S 1.00W	26	NENE	14.0	
38.00S 1.00W	26	NWNE	0.1	
38.00S 1.00W	26	SWNE	4.2	
38.00S 1.00W	26	SENE	16.5	
38.00S 1.00W	26	NENW	4.0	
38.00S 1.00W	26	NWNW	17.9	
38.00S 1.00W	26	SWNW	25.4	
38.00S 1.00W	26	SEW	2.4	
38.00S 1.00W	26	NESW	14.2	
38.00S 1.00W	26	NWSW	32.9	
38.00S 1.00W	26	SWSW	29.2	
38.00S 1.00W	26	SESW	31.3	
38.00S 1.00W	26	NESE	33.3	
38.00S 1.00W	26	NWSE	21.5	
38.00S 1.00W	26	SWSE	32.9	

38.00S 1.00W	26	SESE	24.0	
38.00S 1.00W	26			303.8
38.00S 1.00W	27	NENE	36.2	
38.00S 1.00W	27	NWNE	36.4	
38.00S 1.00W	27	SWNE	36.5	
38.00S 1.00W	27	SENE	35.3	
38.00S 1.00W	27	NENW	36.9	
38.00S 1.00W	27	NWNW	34.6	
38.00S 1.00W	27	SWNW	38.4	
38.00S 1.00W	27	SENW	39.6	
38.00S 1.00W	27	NESW	39.1	
38.00S 1.00W	27	NWSW	32.8	
38.00S 1.00W	27	SWSW	35.3	
38.00S 1.00W	27	SESW	37.5	
38.00S 1.00W	27	NESE	35.7	
38.00S 1.00W	27	NWSE	30.2	
38.00S 1.00W	27	SWSE	37.4	
38.00S 1.00W	27	SESE	39.0	
38.00S 1.00W	27			580.9
38.00S 1.00W	28	NENE	31.1	
38.00S 1.00W	28	SENE	19.8	
38.00S 1.00W	28	NESE	30.6	
38.00S 1.00W	28	NWSE	3.9	
38.00S 1.00W	28	SESE	25.5	
38.00S 1.00W	28			110.9
38.00S 1.00W	33	NENE	2.8	
38.00S 1.00W	33	SENE	6.5	
38.00S 1.00W	33	NESE	7.5	
38.00S 1.00W	33	NWSE	8.6	
38.00S 1.00W	33	SWSE	0.4	
38.00S 1.00W	33			25.8
38.00S 1.00W	34	NENE	26.4	
38.00S 1.00W	34	NWNE	36.1	
38.00S 1.00W	34	SWNE	35.3	
38.00S 1.00W	34	SENE	35.7	
38.00S 1.00W	34	NENW	32.9	
38.00S 1.00W	34	NWNW	13.4	
38.00S 1.00W	34	SWNW	10.6	
38.00S 1.00W	34	SENW	13.6	
38.00S 1.00W	34	NESW	21.5	
38.00S 1.00W	34	NWSW	25.5	
38.00S 1.00W	34	SWSW	0.3	

38.00S 1.00W	34	NESE	29.8		
38.00S 1.00W	34	NWSE	32.0		
38.00S 1.00W	34	SWSE	27.5		
38.00S 1.00W	34	SESE	28.0		
38.00S 1.00W	34				368.6
38.00S 1.00W	35	NENE	3.0		
38.00S 1.00W	35	NWNE	16.7		
38.00S 1.00W	35	SWNE	10.0		
38.00S 1.00W	35	SENE	1.6		
38.00S 1.00W	35	NENW	26.7		
38.00S 1.00W	35	NWNW	15.3		
38.00S 1.00W	35	SWNW	15.4		
38.00S 1.00W	35	SENW	26.3		
38.00S 1.00W	35	NESW	32.7		
38.00S 1.00W	35	NWSW	26.7		
38.00S 1.00W	35	SWSW	38.0		
38.00S 1.00W	35	SESW	28.2		
38.00S 1.00W	35	NWSE	12.3		
38.00S 1.00W	35				252.9
38.00S 1.00W	36	NENE	22.5		
38.00S 1.00W	36	NWNE	30.4		
38.00S 1.00W	36	SWNE	2.7		
38.00S 1.00W	36	SENE	2.2		
38.00S 1.00W	36	NENW	17.6		
38.00S 1.00W	36	NWNW	10.3		
38.00S 1.00W	36				85.7
39.00S 1.00W	2	NWNW	28.9	1.2	
39.00S 1.00W	2	SWNW	0.4	1.1	
39.00S 1.00W	2				31.6
38.00S 1.00E	18	SWSW		4.5	
38.00S 1.00E	18				4.5
38.00S 1.00E	19	NWNE	5.7		
38.00S 1.00E	19	SWNE	27.3	0.6	
38.00S 1.00E	19	SENE	17.7	5.4	
38.00S 1.00E	19	NENW	16.2		
38.00S 1.00E	19	NWNW	38.8		
38.00S 1.00E	19	SWNW	36.7		
38.00S 1.00E	19	SENW	38.0		
38.00S 1.00E	19	NESW	39.5		
38.00S 1.00E	19	NWSW	40.0		
38.00S 1.00E	19	SWSW	25.5		
38.00S 1.00E	19	SESW	38.0		

38.00S 1.00E	19	NESE	30.5	
38.00S 1.00E	19	NWSE	37.7	
38.00S 1.00E	19	SWSE	37.9	
38.00S 1.00E	19	SESE	38.1	
38.00S 1.00E	19			473.6
38.00S 1.00E	20	NESW	1.7	
38.00S 1.00E	20	NWSW	4.7	
38.00S 1.00E	20	SWSW	40.0	
38.00S 1.00E	20	SESW	34.8	
38.00S 1.00E	20	NWSE	3.5	
38.00S 1.00E	20	SWSE	15.9	2.8
38.00S 1.00E	20	SESE	6.7	
38.00S 1.00E	20			110.1
38.00S 1.00E	21	SWSW	36.6	
38.00S 1.00E	21	SESW	1.0	
38.00S 1.00E	21			37.6
38.00S 1.00E	27	NWNW	3.5	
38.00S 1.00E	27	SWNW	7.3	
38.00S 1.00E	27			10.8
38.00S 1.00E	28	SWNE	27.4	
38.00S 1.00E	28	SENE	20.7	
38.00S 1.00E	28	NENW	1.0	
38.00S 1.00E	28	NWNW	38.9	
38.00S 1.00E	28	SWNW	35.4	
38.00S 1.00E	28	SENW	32.0	
38.00S 1.00E	28	NESW	0.5	
38.00S 1.00E	28	NWSW	35.4	
38.00S 1.00E	28	SWSW	19.6	
38.00S 1.00E	28			210.9
38.00S 1.00E	29	NENE	34.3	
38.00S 1.00E	29	NWNE	34.3	
38.00S 1.00E	29	SWNE	36.5	
38.00S 1.00E	29	SENE	35.4	
38.00S 1.00E	29	NENW	36.0	
38.00S 1.00E	29	NWNW	26.7	
38.00S 1.00E	29	SWNW	38.2	
38.00S 1.00E	29	SENW	33.3	
38.00S 1.00E	29	NESW	34.1	
38.00S 1.00E	29	NWSW	38.3	
38.00S 1.00E	29	SWSW	28.8	
38.00S 1.00E	29	SESW	32.7	
38.00S 1.00E	29	NESE	34.6	

38.00S 1.00E	29	NWSE	36.1		
38.00S 1.00E	29	SWSE	32.5		
38.00S 1.00E	29	SESE	37.6		
38.00S 1.00E	29				549.4
38.00S 1.00E	30	NENE	35.4		
38.00S 1.00E	30	NWNE	34.1		
38.00S 1.00E	30	SWNE	20.8		
38.00S 1.00E	30	SENE	28.3		
38.00S 1.00E	30	NENW	10.5		
38.00S 1.00E	30	NWNW	25.0		
38.00S 1.00E	30	SWNW	29.2		
38.00S 1.00E	30	SENW	26.2		
38.00S 1.00E	30	NESW	32.7		
38.00S 1.00E	30	NWSW	7.2		
38.00S 1.00E	30	SWSW	2.0		
38.00S 1.00E	30	SESW	11.2		
38.00S 1.00E	30	NESE	30.7		
38.00S 1.00E	30	NWSE	23.7		
38.00S 1.00E	30	SWSE	24.3		
38.00S 1.00E	30	SESE	23.3		
38.00S 1.00E	30				364.6
38.00S 1.00E	31	NENE	7.0		
38.00S 1.00E	31	NWNE	6.8		
38.00S 1.00E	31	SENE	2.9	0.9	
38.00S 1.00E	31	NENW	8.6		
38.00S 1.00E	31	NWNW	9.3		
38.00S 1.00E	31	SWNW	8.6		
38.00S 1.00E	31	SENW	0.7		
38.00S 1.00E	31	SWSE	4.3	0.8	
38.00S 1.00E	31	SESE	7.3	1.0	
38.00S 1.00E	31				58.2
38.00S 1.00E	32	NENE	27.5		
38.00S 1.00E	32	NWNE	38.0		
38.00S 1.00E	32	SWNE	20.5		
38.00S 1.00E	32	SENE	38.9		
38.00S 1.00E	32	NENW	29.3		
38.00S 1.00E	32	NWNW	25.0		
38.00S 1.00E	32	SWNW	10.1	0.2	
38.00S 1.00E	32	SENW	9.9		
38.00S 1.00E	32	NESW	25.9	1.8	
38.00S 1.00E	32	NWSW	4.9	3.2	
38.00S 1.00E	32	SWSW	22.3		

38.00S 1.00E	32	SESW	28.4	0.8	
38.00S 1.00E	32	NESE	20.1		
38.00S 1.00E	32	NWSE	7.7		
38.00S 1.00E	32	SWSE	9.2		
38.00S 1.00E	32	SESE	15.4		
38.00S 1.00E	32				339.1
38.00S 1.00E	33	SENE	10.5		
38.00S 1.00E	33	SWNW	14.3		
38.00S 1.00E	33	SENE	12.8		
38.00S 1.00E	33	NESW	24.5		
38.00S 1.00E	33	NWSW	16.2		
38.00S 1.00E	33	SWSW	12.6		
38.00S 1.00E	33	SESW	10.7		
38.00S 1.00E	33	NESE	34.9		
38.00S 1.00E	33	NWSE	22.4		
38.00S 1.00E	33	SWSE	29.2		
38.00S 1.00E	33	SESE	38.8		
38.00S 1.00E	33				226.9
38.00S 1.00E	34	NWSW	16.5		
38.00S 1.00E	34	SWSW	37.9		
38.00S 1.00E	34	SESW		28.6	
38.00S 1.00E	34	SWSE		3.0	
38.00S 1.00E	34				86.0
39.00S 1.00E	1	SWSW		17.7	
39.00S 1.00E	1				17.7
39.00S 1.00E	2	NWNE		2.0	
39.00S 1.00E	2	SWNE		16.9	
39.00S 1.00E	2	NENW		5.5	
39.00S 1.00E	2	NWNW		11.4	
39.00S 1.00E	2	SWNW	34.0		
39.00S 1.00E	2	SENE		17.4	
39.00S 1.00E	2	NESW		28.2	
39.00S 1.00E	2	NWSW	29.9	7.3	
39.00S 1.00E	2	SWSW	40.0		
39.00S 1.00E	2	SESW		39.4	
39.00S 1.00E	2	NESE		2.8	
39.00S 1.00E	2	NWSE		24.1	
39.00S 1.00E	2	SWSE		30.2	
39.00S 1.00E	2	SESE		19.6	
39.00S 1.00E	2				308.7
39.00S 1.00E	3	NENE	9.0		
39.00S 1.00E	3	NWNE	22.0		

39.00S 1.00E	3	SWNE	33.4		
39.00S 1.00E	3	SENE	34.6		
39.00S 1.00E	3	NENW	35.9		
39.00S 1.00E	3	NWNW	39.9		
39.00S 1.00E	3	SWNW	21.2		
39.00S 1.00E	3	SENW	32.2		
39.00S 1.00E	3	NESW	16.1		
39.00S 1.00E	3	NWSW	21.1		
39.00S 1.00E	3	SWSW	12.6		
39.00S 1.00E	3	SESW	14.9		
39.00S 1.00E	3	NESE	37.0		
39.00S 1.00E	3	NWSE	36.3		
39.00S 1.00E	3	SWSE	18.8	0.8	
39.00S 1.00E	3	SESE	29.7		
39.00S 1.00E	3				415.5
39.00S 1.00E	4	NENE	21.1		
39.00S 1.00E	4	NWNE	3.4		
39.00S 1.00E	4	SWNE	2.7		
39.00S 1.00E	4	SENE	0.7		
39.00S 1.00E	4	SENW	0.5		
39.00S 1.00E	4				28.4
39.00S 1.00E	5	NWNE	4.1		
39.00S 1.00E	5	NENW	5.4		
39.00S 1.00E	5	NWNW	8.6	2.5	
39.00S 1.00E	5	SWNW		1.2	
39.00S 1.00E	5				21.8
39.00S 1.00E	6	NENE		8.8	
39.00S 1.00E	6	NWNE		1.1	
39.00S 1.00E	6				10.0
39.00S 1.00E	9	NENE	0.3		
39.00S 1.00E	9				0.3
39.00S 1.00E	10	NENE	23.8		
39.00S 1.00E	10	NWNE	15.8		
39.00S 1.00E	10	SWNE	19.4		
39.00S 1.00E	10	SENE	24.1		
39.00S 1.00E	10	NENW	10.7		
39.00S 1.00E	10	NWNW	17.2		
39.00S 1.00E	10	SWNW	5.8	1.5	
39.00S 1.00E	10	SENW	11.6		
39.00S 1.00E	10	NESW	15.9		
39.00S 1.00E	10	SESW	7.6		
39.00S 1.00E	10	NESE	32.6		

39.00S 1.00E	10	NWSE	15.8	
39.00S 1.00E	10	SWSE	0.5	
39.00S 1.00E	10	SESE	11.1	
39.00S 1.00E	10			213.4
39.00S 1.00E	11	NENE		33.4
39.00S 1.00E	11	NWNE		28.9
39.00S 1.00E	11	SWNE		11.5
39.00S 1.00E	11	SENE		20.5
39.00S 1.00E	11	NENW		23.4
39.00S 1.00E	11	NWNW	28.0	
39.00S 1.00E	11	SWNW	24.4	
39.00S 1.00E	11	SENW	2.3	1.0
39.00S 1.00E	11	NESW	12.7	
39.00S 1.00E	11	NWSW	28.5	
39.00S 1.00E	11	SWSW	11.6	
39.00S 1.00E	11	SESW	11.3	
39.00S 1.00E	11	NWSE	16.2	
39.00S 1.00E	11	SWSE	13.7	
39.00S 1.00E	11	SESE	1.4	
39.00S 1.00E	11			268.8
39.00S 1.00E	12	NENE		18.9
39.00S 1.00E	12	NWNE		2.4
39.00S 1.00E	12	SWNE		1.5
39.00S 1.00E	12	SENE		21.2
39.00S 1.00E	12	NENW		12.4
39.00S 1.00E	12	NWNW		17.6
39.00S 1.00E	12	SWNW		22.7
39.00S 1.00E	12	SENW		23.1
39.00S 1.00E	12	NWSW		8.5
39.00S 1.00E	12	SESW		21.5
39.00S 1.00E	12	NESE		15.8
39.00S 1.00E	12	NWSE	3.2	
39.00S 1.00E	12	SWSE	6.0	21.5
39.00S 1.00E	12	SESE		16.8
39.00S 1.00E	12			213.1
39.00S 1.00E	13	NENE		26.5
39.00S 1.00E	13	NWNE		37.7
39.00S 1.00E	13	SWNE		34.5
39.00S 1.00E	13	SENE		15.6
39.00S 1.00E	13	NENW		29.0
39.00S 1.00E	13	NWNW	13.0	
39.00S 1.00E	13	SWNW	32.6	

39.00S 1.00E	13	SENW	10.0	12.1	
39.00S 1.00E	13	NESW	10.2	1.4	
39.00S 1.00E	13	NWSW	4.4		
39.00S 1.00E	13	SWSW	5.1		
39.00S 1.00E	13	SESW	9.8		
39.00S 1.00E	13	NESE		12.8	
39.00S 1.00E	13	NWSE		19.4	
39.00S 1.00E	13	SWSE		0.5	
39.00S 1.00E	13	SESE		3.6	
39.00S 1.00E	13				278.2
39.00S 1.00E	14	NENE	4.2		
39.00S 1.00E	14	NWNE	5.0		
39.00S 1.00E	14	SWNE	10.7		
39.00S 1.00E	14	SENE	4.0	0.6	
39.00S 1.00E	14	NENW	7.8		
39.00S 1.00E	14	NWNW	16.0	3.7	
39.00S 1.00E	14	SWNW	16.0	5.8	
39.00S 1.00E	14	SENW	6.4		
39.00S 1.00E	14	NESW	8.9		
39.00S 1.00E	14	NWSW	12.6	1.2	
39.00S 1.00E	14	SWSW	23.2		
39.00S 1.00E	14	SESW	28.6		
39.00S 1.00E	14	NESE	2.1		
39.00S 1.00E	14	NWSE	1.2		
39.00S 1.00E	14	SWSE	27.0		
39.00S 1.00E	14	SESE	18.0	0.9	
39.00S 1.00E	14				203.9
39.00S 1.00E	15	NENE	2.2		
39.00S 1.00E	15	NWNE	1.7		
39.00S 1.00E	15	SWNE	19.0		
39.00S 1.00E	15	SENE	3.7		
39.00S 1.00E	15	SENW	4.7	0.6	
39.00S 1.00E	15	NESW	4.6	0.3	
39.00S 1.00E	15	SESW	1.1		
39.00S 1.00E	15	NESE	13.3		
39.00S 1.00E	15	NWSE	22.1	6.3	
39.00S 1.00E	15	SWSE	2.7		
39.00S 1.00E	15	SESE	8.8	1.3	
39.00S 1.00E	15				92.4
39.00S 1.00E	22	NENE	2.2		
39.00S 1.00E	22				2.2
39.00S 1.00E	23	NENE		26.6	

39.00S 1.00E	23	NWNE	32.1	
39.00S 1.00E	23	SWNE		20.7
39.00S 1.00E	23	SENE		13.3
39.00S 1.00E	23	NENW	30.3	
39.00S 1.00E	23	NWNW	21.4	2.1
39.00S 1.00E	23	SENW	18.1	
39.00S 1.00E	23	NESW		4.1
39.00S 1.00E	23			168.7
39.00S 1.00E	24	SWNE		6.1
39.00S 1.00E	24	SENE		9.8
39.00S 1.00E	24	NWNW		3.1
39.00S 1.00E	24	SWNW		11.2
39.00S 1.00E	24	SENW		0.1
39.00S 1.00E	24	NESW		6.7
39.00S 1.00E	24	NWSW		0.6
39.00S 1.00E	24	SESW		10.1
39.00S 1.00E	24	NESE		35.8
39.00S 1.00E	24	NWSE		9.9
39.00S 1.00E	24	SWSE		12.5
39.00S 1.00E	24	SESE		14.9
39.00S 1.00E	24			120.8
39.00S 1.00E	25	NENE		12.7
39.00S 1.00E	25	NWNE		12.1
39.00S 1.00E	25	SWNE		13.8
39.00S 1.00E	25	SENE		18.9
39.00S 1.00E	25	NENW		5.2
39.00S 1.00E	25	SENW		1.4
39.00S 1.00E	25	NESE		8.9
39.00S 1.00E	25	NWSE		1.8
39.00S 1.00E	25			74.8
39.00S 2.00E	6	NESW		2.6
39.00S 2.00E	6	NWSW		8.0
39.00S 2.00E	6	SWSW		15.9
39.00S 2.00E	6	SESW		2.1
39.00S 2.00E	6			28.6
39.00S 2.00E	7	NENW		1.7
39.00S 2.00E	7	NWNW		12.9
39.00S 2.00E	7	SWNW		18.7
39.00S 2.00E	7	NWSW		4.0
39.00S 2.00E	7			37.3
39.00S 2.00E	18			
39.00S 2.00E	18	SWNE		3.8

39.00S 2.00E	18	NENW	16.0	
39.00S 2.00E	18	NWNW	32.9	
39.00S 2.00E	18	SENW	20.8	
39.00S 2.00E	18	NESW	17.1	
39.00S 2.00E	18	NWSE	1.0	
39.00S 2.00E	18			91.6
39.00S 2.00E	19	NWSW	2.4	
39.00S 2.00E	19	SWSW	23.0	
39.00S 2.00E	19	SESW	20.7	
39.00S 2.00E	19	SWSE	3.0	
39.00S 2.00E	19	SESE	3.7	
39.00S 2.00E	19			52.8
39.00S 2.00E	20	NWNE	6.5	
39.00S 2.00E	20	SWNE	1.5	
39.00S 2.00E	20	NENW	5.6	
39.00S 2.00E	20	NWNW	0.9	
39.00S 2.00E	20	SWSW	7.8	
39.00S 2.00E	20	SESW	0.2	
39.00S 2.00E	20			22.5
39.00S 2.00E	28	NWSW	14.7	
39.00S 2.00E	28	SWSW	10.8	
39.00S 2.00E	28			25.5
39.00S 2.00E	29	SENE	0.7	
39.00S 2.00E	29	NENW	0.3	
39.00S 2.00E	29	NWNW	2.9	
39.00S 2.00E	29	NESE	13.4	
39.00S 2.00E	29			17.3
39.00S 2.00E	30	NENE	26.1	
39.00S 2.00E	30	NWNE	16.9	
39.00S 2.00E	30	SWNE	31.3	
39.00S 2.00E	30	SENE	20.2	
39.00S 2.00E	30	NENW	29.8	
39.00S 2.00E	30	NWNW	29.9	
39.00S 2.00E	30	SWNW	0.5	
39.00S 2.00E	30	SENW	13.0	
39.00S 2.00E	30	NESW	6.6	
39.00S 2.00E	30	NWSW	9.0	
39.00S 2.00E	30	SESW	14.4	
39.00S 2.00E	30	NESE	2.5	
39.00S 2.00E	30	NWSE	27.1	
39.00S 2.00E	30	SWSE	21.7	
39.00S 2.00E	30	SESE	0.6	

39.00S 2.00E	30		249.6
39.00S 2.00E	31 NENE	9.4	
39.00S 2.00E	31 NWNE	11.0	
39.00S 2.00E	31 SWNE	0.1	
39.00S 2.00E	31 SENE	14.8	
39.00S 2.00E	31 NENW	0.6	
39.00S 2.00E	31 NESE	2.7	
39.00S 2.00E	31 SESE	7.0	
39.00S 2.00E	31		45.6
39.00S 2.00E	32 NENE	0.4	
39.00S 2.00E	32 NWNE	4.7	
39.00S 2.00E	32 SWNW	2.4	
39.00S 2.00E	32 NESW	8.0	
39.00S 2.00E	32 NWSW	19.7	
39.00S 2.00E	32 SWSW	4.0	
39.00S 2.00E	32 SESW	28.2	
39.00S 2.00E	32 NESE	20.0	
39.00S 2.00E	32 NWSE	2.2	
39.00S 2.00E	32 SWSE	23.3	
39.00S 2.00E	32 SESE	17.0	
39.00S 2.00E	32		129.9
39.00S 2.00E	33 NWNW	1.5	
39.00S 2.00E	33 NWSW	9.3	
39.00S 2.00E	33 SWSW	2.8	
39.00S 2.00E	33		13.6
39.00S 2.00E	34 NENW	24.4	
39.00S 2.00E	34 SWNW	1.1	
39.00S 2.00E	34 NESE	11.8	
39.00S 2.00E	34 SWSE	1.5	
39.00S 2.00E	34 SESE	7.5	
39.00S 2.00E	34		46.3
39.00S 2.00E	35 SWSW	7.7	
39.00S 2.00E	35		7.7
40.00S 2.00E	2 NENW	4.9	
40.00S 2.00E	2 NWNW	13.7	
40.00S 2.00E	2		18.6
40.00S 2.00E	3 NENE	1.1	
40.00S 2.00E	3 NWNE	22.2	
40.00S 2.00E	3 SWNE	2.0	
40.00S 2.00E	3		25.3
40.00S 2.00E	5 NENE	14.2	
40.00S 2.00E	5 NWNE	26.5	

40.00S 2.00E	5	SWNE	1.2	
40.00S 2.00E	5	SENE	16.8	
40.00S 2.00E	5	NENW	15.6	
40.00S 2.00E	5			74.3
			13207.77	3413.0
				16620.8

If certain lands identified as primary irrigation within this water right are found to have had legally exercised water rights that have a priority date senior to the date of this permit, then this water right shall be considered supplemental to the senior water right. This water right may not be transferred separately from any senior water right existing for the same lands. If the senior water for the same lands is cancelled, then this water right may be transferred as a primary water right.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described. The use confirmed herein may be made only at times when sufficient water is available to satisfy all prior rights.

This certificate also confirms an order of the Water Resources Director approving Transfer 7783 to amend the place of use for 33.2 acres under the original permit number 25915. That order is recorded at Special Order Volume 53 Page 1165.

This certificate does not include 8.13 acres of supplemental irrigation that is in inchoate status as a result of Transfer 9316 (Special Order Volume 58, Page 324).

This certificate, together with certificates numbered 83728 and 83729 for supplemental irrigation within the Medford and Rogue River Valley Irrigation Districts, confirms all water rights perfected under permit 25915, in the name of the U.S. Bureau of Reclamation.

WITNESS signature of the Water Resources Director,

Affixed January 10, 2008


 Phillip J. Ward, Director

Recorded in State Record of Water Right Certificates number 83727 .