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In re Klamath River (Klamath Tribe)

Hedden-Nicely

12-4-2009

# Ex. 280-US-413

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## Sprague R mainstem and tribs - Non-Anadromous Species

Timing Unit ID: 10444

Life Stage/Activity/Species	Jan	Feb	Mar		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Comments
Adult Fluvial or Adfluvial Migration	Jail	I CD	11141	Apı	way	Jun	Jui	Aug	Sep	OCI	1101	Dec	Comments
Shortnose Sucker													
Lost River Sucker													
Redband (resident)													
Redband (migratory)													
Brown Trout													
Adult Spawning													
Shortnose Sucker													
Lost River Sucker													
Redband (resident)													
Redband (migratory)													
Brown Trout													
Adult/Sub-Adult Rearing	3555555555555												
Shortnose Sucker													
Lost River Sucker											22222222222222		
Redband (resident)													
Redband (migratory)													
Brown Trout													
Egg Incubation through Fry Emergence													
Shortnose Sucker													
Lost River Sucker													
Redband (resident)													
Redband (migratory)													
Brown Trout													
Juvenile Rearing													
Shortnose Sucker Lost River Sucker													
Redband (resident) Redband (migratory)													
Brown Trout													
Juvenile/Sub-Adult Migration													
Shortnose Sucker													
Lost River Sucker													
Redband (resident)													
Redband (migratory)													
Brown Trout													
Diown from													
													J

Represents periods of peak use based on professional opinion.

Represents lesser level of use based on professional opinion.

Represents periods of presence, either with no level of use OR uniformly distributed level of use indicated

Peak and lesser use time periods were designated during data compilation, but no percentages were assigned to the different levels of use, therefore a 90 / 10 split was assumed as it was the most common ratio used by data providers.

90% of the life-stage activity occurs during the time frame shown as the peak use period.

10% of the life-stage activity occurs during the time frame shown as the lesser use period.

## NF Sprague, lower up to RM 12 - Non-Anadromous Species

Timing Unit ID: 10435

Thing Circ ID. 10433													
Life Stage/Activity/Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Comments
Adult Fluvial or Adfluvial Migration													1
Redband (resident)													i
Brown Trout													i
Adult Spawning													ĺ
Redband (resident)													ĺ
Brown Trout													ĺ
Adult/Sub-Adult Rearing													ĺ
Redband (resident)													i
Brown Trout													i
Egg Incubation through Fry Emergence													
Redband (resident)													
Brown Trout													ĺ
Juvenile Rearing													ĺ
Redband (resident)													
Brown Trout													ĺ
Juvenile/Sub-Adult Migration													ĺ
Redband (resident)													
Brown Trout													1
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10% of the life-stage activity occurs during the time frame shown as the lesser use period.

## NF Sprague, upper above RM 12 and tribs - Non-Anadromous Species

Timing Unit ID: 10436

T 'P. C4/A -4''4/C						T	T1	A	C	0-4	NI	D	
Life Stage/Activity/Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Comments
Adult Fluvial or Adfluvial Migration													
Redband (resident)													G2
Bull Trout													C2
Brown Trout													
Brook Trout													
Adult Spawning													
Redband (resident)													
Bull Trout Brown Trout													
Brook Trout													
Adult/Sub-Adult Rearing													
Redband (resident)													
Bull Trout													
Brown Trout													
Brook Trout													
Egg Incubation through Fry Emergence													
Redband (resident)													
Bull Trout													
Brown Trout													
Brook Trout													
Juvenile Rearing													
Redband (resident)													
Bull Trout													C1
Brown Trout													
Brook Trout													
Juvenile/Sub-Adult Migration													
Redband (resident)													
Bull Trout													C3
Brown Trout													
Brook Trout													
2100h 210ht													
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90% of the life-stage activity occurs during the time frame shown as the peak use period.

10% of the life-stage activity occurs during the time frame shown as the lesser use period.

#### Comments

C1 - Likely present in very low numbers

C2 - Likely present in very low numbers

C3 - Likely present in very low numbers

## **Deming Cr - Non-Anadromous Species**

Timing Unit ID: 10409

Life Stage/Activity/Species	Jan	Feb	Apr	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Comments
Adult Fluvial or Adfluvial Migration			 	 			~		- 1.0		
Redband (resident)											
Bull Trout											
Adult Spawning			 								
Redband (resident)											
Bull Trout											
Adult/Sub-Adult Rearing			 	 							
Redband (resident)											
Bull Trout											
Egg Incubation through Fry Emergence			 	 							
Redband (resident)											
Bull Trout											C1
Juvenile Rearing			 	 							
Redband (resident)											
Bull Trout											
Juvenile/Sub-Adult Migration			 	 							
Redband (resident)											
Bull Trout											

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10% of the life-stage activity occurs during the time frame shown as the lesser use period.

#### **Comments**

C1 - Includes fry rearing; embryonic development slow through winter months because of colder temperatures

## Fivemile and Meryl Cr - Non-Anadromous Species

Timing Unit ID: 10414

Tilling Unit ID. 10414													
Life Stage/Activity/Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Comm
Adult Fluvial or Adfluvial Migration													
Redband (resident)													
Brown Trout													
Adult Spawning													
Redband (resident)													
Brown Trout													
Adult/Sub-Adult Rearing													
Redband (resident)													
Brown Trout													
Egg Incubation through Fry Emergence													
Redband (resident)													
Brown Trout													
Juvenile Rearing													
Redband (resident)													
Brown Trout													
Juvenile/Sub-Adult Migration		***************************************		***************************************						•		•	
Redband (resident)													
Brown Trout													

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90% of the life-stage activity occurs during the time frame shown as the peak use period.

10% of the life-stage activity occurs during the time frame shown as the lesser use period.

## SF Sprague, lower up to RM 10 - Non-Anadromous Species

Timing Unit ID: 10442

Tilling Unit ID. 10442													
Life Stage/Activity/Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Comment
Adult Fluvial or Adfluvial Migration													
Redband (migratory)													
Brown Trout													
Adult Spawning													
Redband (migratory)													
Brown Trout													
Adult/Sub-Adult Rearing													
Redband (migratory)													
Brown Trout													
Egg Incubation through Fry Emergence													
Redband (migratory)													
Brown Trout													
Juvenile Rearing													
Redband (migratory)													
Brown Trout													
Juvenile/Sub-Adult Migration													
Redband (migratory)													
Brown Trout													
		***************************************		***************************************				***************************************					

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90% of the life-stage activity occurs during the time frame shown as the peak use period.

10% of the life-stage activity occurs during the time frame shown as the lesser use period.