

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast **Observer(s):** Nettnin
River System: Sol Duc **Date:** 4/8/98
Site Identifier: S-313L-13 **WRIA:** 20.0317BC (P)
River Mile Location: 0.7 mi. **RB/LB:** LB
Local Name: Unnamed **Trib. to:** Death Valley Creek (20.317B)
Legal Description: SW ¼ Sec 18 T30N R12W **County:** Clallam
Habitat Type: Upper Valley Wall Trib
Landowner: Federal State County Other Government Private
- Department of Natural Resources

Directions to site:

North from Forks (Hwy 101) to Sappho, turn left onto the Burnt Mountain Road (SR 113). Just past the bridge over Beaver Creek, turn left and drive through the rock pit. **WATCH FOR EQUIPMENT CROSSING !!** Continue for about a mile to a recent clearcut and turn left. Follow the road down to the end. S-313R-10 flows along the SE boundary of the unit. Walk to the bottom of the harvest unit to the point that S-313R-10 leaves the clearcut. Then go upstream for about 260 m to S-313-13.

Site Overview:

This head wall tributary produces gravel, supports spawning and rearing, and produces high quality water. The first 50 m, the gradient is 5 - 10% and then increases to 12% for about 130 m. Above that reach, the gradient is in excess of 15%. No fry were observed above that point. The uppermost reach is in a recent harvest unit and has an RMZ

Habitat Information:

Water source: Springs, surface runoff

Intermittent/year-around: Unknown, probably intermittent

Estimated flows (cfs): Lower end: 0.1 - 0.2 Upper end: 0.05 - 0.1

Water temperatures: Lower end: 5.5°C Upper end: 5.5°C

Adjacent stream temperature (Death Valley Creek): 5.5°C

Other water observations: Clearwater

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.5 - 1.0 m Pond- NA Wetlands- NA

Depths: Channel- 5 - 8 cm Pond- NA Wetlands- NA

Total length estimated (includes ponds and wetlands): 290 m

Total existing habitat area (est.): 200 m²

Spawning area: 50 m²

Impounded area: 0 m²

Other rearing area: 150 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Good grade of gravel but it has some embedded fines.
- The gradient and water depth favors trout.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Most of the channel is moderate/steep gradient.
- There is a moderate amount of woody debris in the channel.
- Shade is provided 50 - 80 year old conifer forest.

Describe unaccessible habitat: NA

- No usable fish habitat above the gradient barrier.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- No wetlands associated with this channel.

Flooding potential: Low Medium High

- This stream appears to have flashy flows

Fish Information:

Site entry condition to Death Valley Creek: Poor Fair Good

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Unidentified 0+ fry were observed in this channel.

Other species access and use: Chum Pink Sockeye Chinook Trout

- It is assumed that some of the fry observed were trout.
- It is possible that sockeye spawn in this tributary.
- The channel is open and available to all species.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Maintain the integrity of the stream.

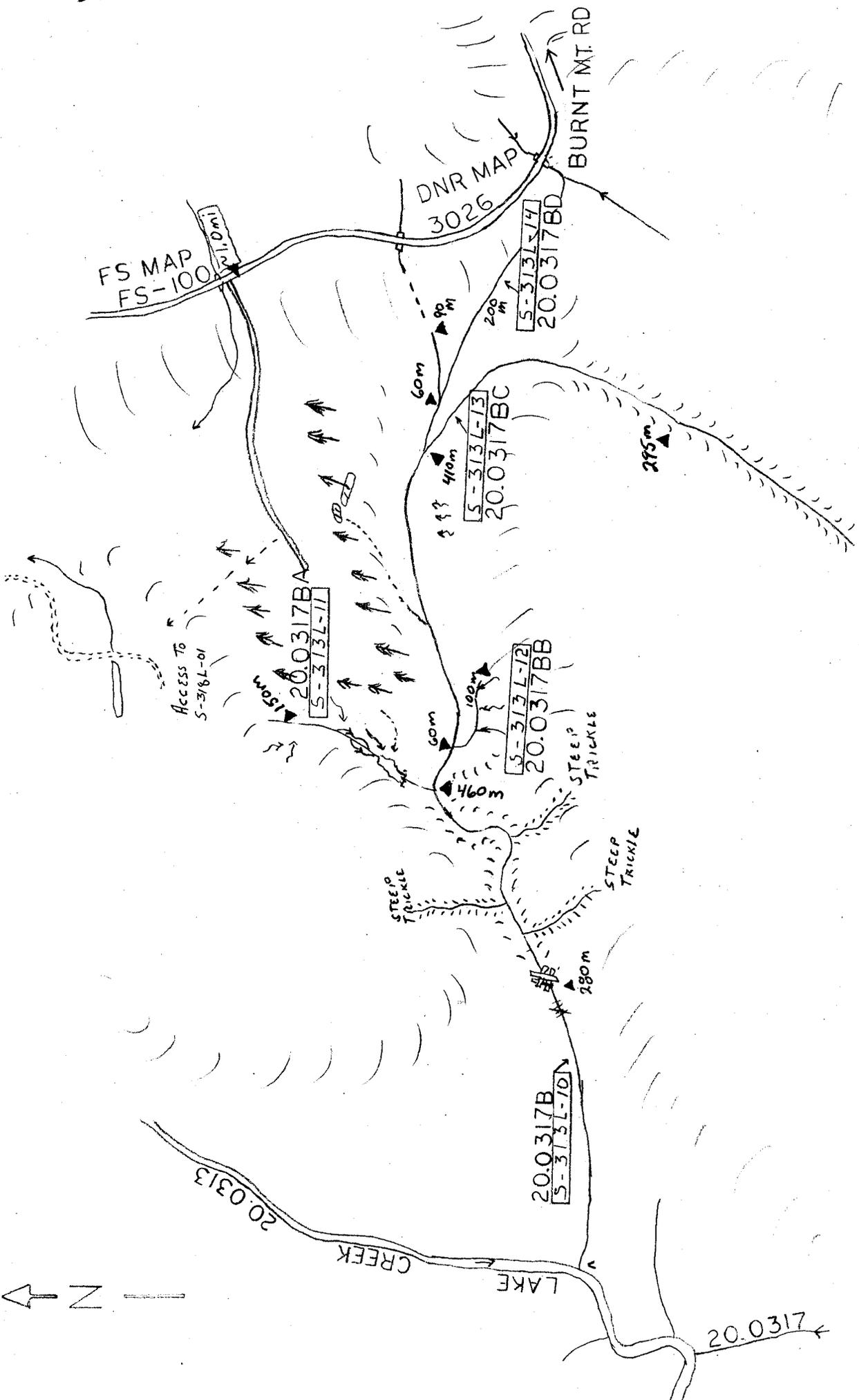
Equipment access: No access

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

<input type="checkbox"/> Aerials	<input checked="" type="checkbox"/> Sketch	<input checked="" type="checkbox"/> Maps	<input type="checkbox"/> Culvert Report
<input type="checkbox"/> Other references	<input type="checkbox"/> Spawning surveys	<input type="checkbox"/> Juvenile trapping	<input type="checkbox"/> Fishway Report



River: Sol Duc
 TRIB: Lake Creek
 WRJA: 20.0313 AREA: S-313L
 Site: S-313L-10, S-313L-11, S-313L-12,
 S-313L-13, S-313L-14
 Names: Death Valley Cr., Unnamed....

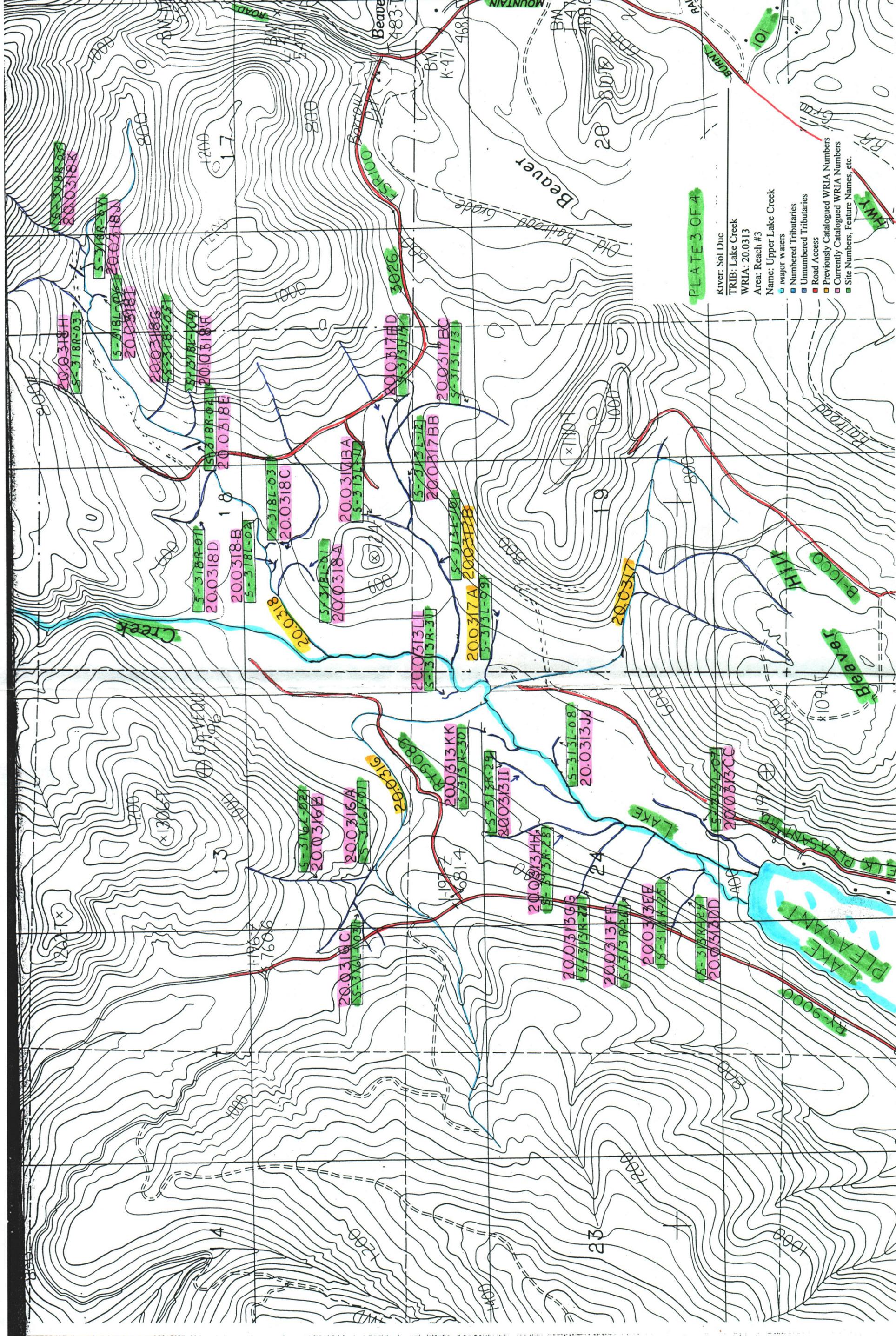


PLATE 3 OF 4

- River: Sol Duc
- TRIB: Lake Creek
- WRIA: 20.0313
- Area: Reach #3
- Name: Upper Lake Creek
- Major waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.



Map labels include site identifiers such as 20.0318A, 20.0317A, 20.0316A, 20.0315A, 20.0314A, 20.0313A, 20.0312A, 20.0311A, 20.0310A, 20.0309A, 20.0308A, 20.0307A, 20.0306A, 20.0305A, 20.0304A, 20.0303A, 20.0302A, 20.0301A, 20.0300A, 20.0299A, 20.0298A, 20.0297A, 20.0296A, 20.0295A, 20.0294A, 20.0293A, 20.0292A, 20.0291A, 20.0290A, 20.0289A, 20.0288A, 20.0287A, 20.0286A, 20.0285A, 20.0284A, 20.0283A, 20.0282A, 20.0281A, 20.0280A, 20.0279A, 20.0278A, 20.0277A, 20.0276A, 20.0275A, 20.0274A, 20.0273A, 20.0272A, 20.0271A, 20.0270A, 20.0269A, 20.0268A, 20.0267A, 20.0266A, 20.0265A, 20.0264A, 20.0263A, 20.0262A, 20.0261A, 20.0260A, 20.0259A, 20.0258A, 20.0257A, 20.0256A, 20.0255A, 20.0254A, 20.0253A, 20.0252A, 20.0251A, 20.0250A, 20.0249A, 20.0248A, 20.0247A, 20.0246A, 20.0245A, 20.0244A, 20.0243A, 20.0242A, 20.0241A, 20.0240A, 20.0239A, 20.0238A, 20.0237A, 20.0236A, 20.0235A, 20.0234A, 20.0233A, 20.0232A, 20.0231A, 20.0230A, 20.0229A, 20.0228A, 20.0227A, 20.0226A, 20.0225A, 20.0224A, 20.0223A, 20.0222A, 20.0221A, 20.0220A, 20.0219A, 20.0218A, 20.0217A, 20.0216A, 20.0215A, 20.0214A, 20.0213A, 20.0212A, 20.0211A, 20.0210A, 20.0209A, 20.0208A, 20.0207A, 20.0206A, 20.0205A, 20.0204A, 20.0203A, 20.0202A, 20.0201A, 20.0200A, 20.0199A, 20.0198A, 20.0197A, 20.0196A, 20.0195A, 20.0194A, 20.0193A, 20.0192A, 20.0191A, 20.0190A, 20.0189A, 20.0188A, 20.0187A, 20.0186A, 20.0185A, 20.0184A, 20.0183A, 20.0182A, 20.0181A, 20.0180A, 20.0179A, 20.0178A, 20.0177A, 20.0176A, 20.0175A, 20.0174A, 20.0173A, 20.0172A, 20.0171A, 20.0170A, 20.0169A, 20.0168A, 20.0167A, 20.0166A, 20.0165A, 20.0164A, 20.0163A, 20.0162A, 20.0161A, 20.0160A, 20.0159A, 20.0158A, 20.0157A, 20.0156A, 20.0155A, 20.0154A, 20.0153A, 20.0152A, 20.0151A, 20.0150A, 20.0149A, 20.0148A, 20.0147A, 20.0146A, 20.0145A, 20.0144A, 20.0143A, 20.0142A, 20.0141A, 20.0140A, 20.0139A, 20.0138A, 20.0137A, 20.0136A, 20.0135A, 20.0134A, 20.0133A, 20.0132A, 20.0131A, 20.0130A, 20.0129A, 20.0128A, 20.0127A, 20.0126A, 20.0125A, 20.0124A, 20.0123A, 20.0122A, 20.0121A, 20.0120A, 20.0119A, 20.0118A, 20.0117A, 20.0116A, 20.0115A, 20.0114A, 20.0113A, 20.0112A, 20.0111A, 20.0110A, 20.0109A, 20.0108A, 20.0107A, 20.0106A, 20.0105A, 20.0104A, 20.0103A, 20.0102A, 20.0101A, 20.0100A, 20.0099A, 20.0098A, 20.0097A, 20.0096A, 20.0095A, 20.0094A, 20.0093A, 20.0092A, 20.0091A, 20.0090A, 20.0089A, 20.0088A, 20.0087A, 20.0086A, 20.0085A, 20.0084A, 20.0083A, 20.0082A, 20.0081A, 20.0080A, 20.0079A, 20.0078A, 20.0077A, 20.0076A, 20.0075A, 20.0074A, 20.0073A, 20.0072A, 20.0071A, 20.0070A, 20.0069A, 20.0068A, 20.0067A, 20.0066A, 20.0065A, 20.0064A, 20.0063A, 20.0062A, 20.0061A, 20.0060A, 20.0059A, 20.0058A, 20.0057A, 20.0056A, 20.0055A, 20.0054A, 20.0053A, 20.0052A, 20.0051A, 20.0050A, 20.0049A, 20.0048A, 20.0047A, 20.0046A, 20.0045A, 20.0044A, 20.0043A, 20.0042A, 20.0041A, 20.0040A, 20.0039A, 20.0038A, 20.0037A, 20.0036A, 20.0035A, 20.0034A, 20.0033A, 20.0032A, 20.0031A, 20.0030A, 20.0029A, 20.0028A, 20.0027A, 20.0026A, 20.0025A, 20.0024A, 20.0023A, 20.0022A, 20.0021A, 20.0020A, 20.0019A, 20.0018A, 20.0017A, 20.0016A, 20.0015A, 20.0014A, 20.0013A, 20.0012A, 20.0011A, 20.0010A, 20.0009A, 20.0008A, 20.0007A, 20.0006A, 20.0005A, 20.0004A, 20.0003A, 20.0002A, 20.0001A, 20.0000A.