It’s set at 11.8 for chum this year. That runs from the end of Dec until April 10th. After that there isn’t really a minimum gage height higher than the true minimum of 5 feet until we start the 2021 chum spawning in November. -s

**From:** J.R. Cook <[jrcook@northeastoregonwater.org](mailto:jrcook@northeastoregonwater.org)>   
**Sent:** Friday, April 2, 2021 12:40 PM  
**To:** Bettin,Scott W (BPA) - EWP-4 <[swbettin@bpa.gov](mailto:swbettin@bpa.gov)>  
**Subject:** [EXTERNAL] RE: Chum

Hi Scott-

Can you tell me what the mean gauge height usually gets set at below Bonneville by the action agencies (i.e. what was the guage height target for 2020).

Hope you know this off the top of your head.

Thanks,

JR

**From:** Bettin,Scott W (BPA) - EWP-4 <[swbettin@bpa.gov](mailto:swbettin@bpa.gov)>   
**Sent:** Thursday, April 2, 2020 9:45 AM  
**To:** J.R. Cook <[jrcook@northeastoregonwater.org](mailto:jrcook@northeastoregonwater.org)>  
**Subject:** RE: Chum

I pulled the chum spawning dates off the TMT website.  The spawning normally starts between November 1-7. If it rains hard in October the fish and flows show up early. The chum spawning operation started in 2000 with the listing. The chum returns were around 5000 fish at that time and now are about 50,000 fish annually as a result of our collective efforts. -s

**From:** J.R. Cook <[jrcook@northeastoregonwater.org](mailto:jrcook@northeastoregonwater.org)>   
**Sent:** Thursday, April 2, 2020 7:12 AM  
**To:** Bettin,Scott W (BPA) - EWP-4 <[swbettin@bpa.gov](mailto:swbettin@bpa.gov)>  
**Subject:** [EXTERNAL] Re: Chum

Hi Scott-

Yes, its been about 7 years!  time flies!!  Thank you for offering to chat about this.  I am available at 9 a.m. and 11 a.m. this morning.  Have a call from 10 to 11.

Thanks and hope one of these two work for you.  Did Crystal send you the document I sent her yesterday?

Thanks again,

JR

**From:** Bettin,Scott W (BPA) - EWP-4 <[swbettin@bpa.gov](mailto:swbettin@bpa.gov)>  
**Sent:** Wednesday, April 1, 2020 6:33 PM  
**To:** J.R. Cook <[jrcook@northeastoregonwater.org](mailto:jrcook@northeastoregonwater.org)>  
**Subject:** Chum

JR Crystal asked me to give you a call to discuss chum operations. Do you have any openings in your schedule tomorrow between 9-1? It’s been years since we last talked while I was shadowing Crystal out to your neck of the woods. -s