Salmon Monitoring Team (SaMT) Weekly Meeting Conference call: 6/23/20 at 9:00 a.m.

Executive Summary:

- No Delta performance measures have been exceeded during this Water Year that would trigger a reduction to exports.
- SaMT did not provide any considerations to WOMT but did note the potential difference in off-ramp periods between the Federal ESA (ESA section 7 proposed action and biological opinions) and California ESA (California Department of Fish and Wildlife Incidental Take Permit). The federal Old and Middle River (OMR) flow management off ramp has been met for salmonids, but not for the state (water temperature criteria at Mossdale has not been met).

Objective: Provide information to the Water Operations Management Team (WOMT), the U.S. Bureau of Reclamation (Reclamation) and the California Department of Water Resources (DWR) on measures to reduce adverse effects from Delta operations of the Central Valley Project (CVP) and the State Water Project (SWP) on salmonids and green sturgeon. SaMT notes and other meeting materials (e.g., weekly outlook and assessment) will be accessible on Reclamation's web page.

- California Department of Fish and Wildlife (CDFW): Geir Aasen, Kristal Davis-Fadtke, Kyle Griffiths, Sheena Holley, Vanessa Kollmar, Ken Kundargi, Duane Linander, Jonathan Williams
- **DWR**: Brittany Davis, Vadim Demchuk, Bryant Giorgi, Farida Islam, Kevin Reece, Ian Uecker, Mike Ford
- **Kearns & West:** Matt Marvin
- National Marine Fisheries Service (NMFS): Kristin Begun, Jeff Stuart, Garwin Yip
- **Reclamation:** Mike Beakes, Towns Burgess, Elissa Buttermore, Suzanne Manugian, Ben Nelson, Tom Patton
- State Water Resources Control Board (SWRCB): Chris Carr, Erin Foresman, Michael Macon, Craig Williams
- US Fish and Wildlife Service (USFWS): Katherine Sun

Agenda Items:

1. Introductions

Purpose: Provide an accurate record of who is attending these calls.

2. Relevant Actions and Triggers

Purpose: Review of relevant actions and triggers status and discuss any changes.

3. Outlook, Project Operations, and Weather Forecast
Purpose: Review operations and weather sections on Weekly Outlook. Discuss Delta
operations to consider context for evaluating Assessment questions about Delta operation
effects.

4. Review of Environmental Data

Purpose: Review environmental data to consider context for evaluating Assessment questions about Delta operations effects.

5. Fish Abundance and Distribution

Purpose: Review fish monitoring data to inform fish distribution estimates, fish exposure, and behaviour cues that is part of the next section.

- a. Hatchery Releases
- b. Historical Fish Monitoring Data
- c. Fish Monitoring: Rotary Screw Traps (RSTs)/trawls/seines/acoustic tagging
- d. Fish Monitoring: Salvage
- e. Migration Status: Estimates of Fish Distribution

6. Fish Exposure and Behavioural Cues

Purpose: Assist in assessing entrainment risk of Delta operations on salmonids and sturgeon. Complete Evaluation section questions of the Assessment. Review draft Assessment.

- a. Historical Patterns (Comparison of abundance, timing, and loss to prior years)
- b. Current Conditions (DSM2, Entrainment Models)
- c. Sensitivity to Operational Actions review Assessment document

7. Other Topics

Purpose: Identify additional topics that are not in the regular agenda.

8. Considerations for WOMT

Purpose: Highlight information that SaMT would like WOMT to consider related to changes to Delta water operations.

9. Next SaMT Meeting

Agenda Item 2.

Relevant Actions and Triggers Review

Delta Cross Channel (DCC) Gate Operations

- o DCC gates were opened on 6/12/20 at 1000 hours for the following weekend. The DCC gates will remain open for the summer starting on 6/15/20.
- Water quality degradation in the western Delta could result in the gates being closed to enhance flows in the Sacramento River downstream of the location of the gates during the summer period.

OMR Flow Management

o Implementation of this action in water year (WY) 2020 began on 1/1/20 under the 2009 NMFS Long Term Operations (LTO) biological opinion and was superseded by Reclamation's Proposed Action section 4.10.5.10 (OMR Management) on 2/18/20 following the signing of the Record of Decision, and requires that OMR flow be no more

negative than -5,000 cfs. OMR flows are reported weekly with the OMR index and the tidally filtered U.S. Geological Survey (USGS) gauges at the daily, 5-day and 14-day running averages.

- o End of OMR Flow Management:
 - o Reclamation's Proposed Action section 4.10.5.10.4: End of OMR flow Management occurs on June 30 (for Chinook salmon), or June 15 (for natural steelhead/rainbow trout), or when the following species-specific off ramps have occurred, whichever is earlier:
 - When more than 95 percent of each listed group of salmonids has migrated past Chipps Island, as determined by the SaMT, OR
 - After daily average water temperatures at Mossdale exceed 71.6° F for 7 days during June (the 7 days do not have to be consecutive).
 - 2019 NMFS Biological Opinion: OMR criteria may control operations until June 30, or when either of the following conditions have occurred, whichever is earlier:
 - Salmonids: when more than 95 percent of listed salmonids have migrated past Chipps Island, as determined by the Delta monitoring working group, OR
 - after daily average water temperatures at Mossdale exceed 72°F for 7 days during June (the 7 days do not have to be consecutive).
 - o DWR's Incidental Take Permit (ITP) Section 8.8: End of OMR Flow Management:
 - More than 95% of winter-run and spring-run have migrated past Chipps Island, AND
 - Daily average water temperatures at Mossdale exceed 22.2°C for 7 days in June (days do not have to be consecutive), AND
 - Daily average water temperatures at Prisoner's Point exceed 22.2°C for 7 days in June (days do not have to be consecutive).
 - o WOMT provided clarification for the following items that were "elevated" to WOMT on 6/10/20:
 - 71.6°F vs. 72°F daily average temperature threshold: WOMT clarified the CVP daily average water temperature threshold at Mossdale used to end OMR flow management is 71.6 °F (22.0°C).
 - June 15 vs. June 30 for steelhead offramp: WOMT noted the end of OMR flow management occurs on June 15 for steelhead.
 - Consecutive vs. non-consecutive days: WOMT noted this did not need clarification, 7 days for temperature off ramp can be non-consecutive.
- Refer to the weekly operations and fish outlook for more triggers relevant to the CDFW ITP and the 2019 ROC Proposed Action (see Agenda Item 3), which will be posted to Reclamation's web page
- DWR's ITP was signed on 3/31/20 and can be found online here: <u>Incidental Take Permit for Long Term Operations of the State Water Project</u>

Agenda Item 3.

Weekly Fish and Water Operations Outlook.

SaMT reviewed the Outlook document. The Outlook document will be posted to the <u>WOMT</u> web page.

Project Operations

Operations Category	rations Category Location Operations on 6/16/20		Operations on 6/23/20
Clifton Court Inflow	Clifton Court Forebay	500 cfs, increasing in coming days to as high as 1,800 cfs as more water enters the Delta from the upstream reservoir releases in the Sacramento River basin.	500 cfs, increasing in coming days before decreasing to 0 cfs on 6/28/20 and 6/29/20. *
SWP Reservoir Releases	Feather – Oroville	3,300 cfs and holding, pending water quality	3,300 cfs and holding
SWP Reservoir Storage	San Luis (SWP)	842 TAF	823 TAF
SWP Reservoir Storage	Oroville	2,326 TAF	2,264 TAF
Environmental Parameters	Sacramento River at Freeport	11,900 cfs currently and increasing to 13,000 cfs later this week	12,300 cfs
Environmental Parameters	San Joaquin River at Vernalis	1,300 cfs currently. Increasing to 1,600 cfs on 6/18/20 as a result of actions on Stanislaus River	1,250 cfs
Environmental Parameters	Delta Outflow Index	7,300 cfs	7,400 cfs
Environmental Parameters	E:I (14-day)	21% (3-day average)	24% (3-day average)
Environmental Parameters	X2	80 km currently, location expected to move upstream with spring tide later this week	> 81 km, not expected to be less than 81 km for the rest of the week with neap tides present.
CVP Exports	Jones Pumping Plant	2,700 cfs and holding. May be adjustments (up to 2,800 cfs) to allow for testing of one unit at JPP	2,700 cfs and holding. Increased to 3,500 on 6/19/20 before decreasing to 2,700 cfs. Will hold at 2,700 cfs through the week of 6/22/20.

Operations Category	Location	Operations on 6/16/20	Operations on 6/23/20
CVP Reservoir Releases	American – Nimbus	2,750 cfs and holding	3,000 cfs. Currently evaluating increases.
CVP Reservoir Releases	Sacramento – Keswick	12,000 cfs and holding	12,000 cfs. Currently evaluating increases.
CVP Reservoir Releases	Stanislaus - Goodwin	1,500 cfs. Fluctuations between 800 cfs on weekends for public safety and 1,500 cfs on weekdays. This will continue through June.	1,400 cfs. Decreasing to 600 cfs on 6/27/20. Will decrease to minimum summer flow of 200 cfs on 6/30/20.
CVP Reservoir Releases	Trinity - Lewiston	1,350 cfs currently. Peaked at 1,400 on 6/15/20 during this last pulse flow. Decreasing to 450 cfs (minimum summertime flow) in early July	650 cfs, slowly decreasing down to last of pulse flow. Will decrease to minimum summer flow of 450 cfs on 7/2/20.
CVP Reservoir Storage	San Luis (CVP)	345 TAF and decreasing storage	318 TAF and decreasing storage
CVP Reservoir Storage	Shasta	3,371 TAF and decreasing storage	3,267 TAF and decreasing storage
CVP Reservoir Storage	Folsom	777 TAF and decreasing storage	752 TAF and decreasing storage
CVP Reservoir Storage	New Melones	1,775 TAF and decreasing storage	1,746 TAF and decreasing storage
CVP	DCC Gates	Open for summer	Open for summer

cfs = cubic feet per second

MAF = million acre feet

TAF = thousand acre feet

km = kilometer

Location of X2 measured from the Golden Gate

* SaMT members discussed the closure of Clifton Court Forebay from 6/28/20 to 6/30/20 due to herbicide treatments. Outage will officially end 24 hours after application of the herbicides on the evening of 6/30/20 (anticipated to be approximately 1800 hours). Herbicide treatment will be applied to no more than 50% of CCF per Reclamation's Proposed Action and the NMFS LTO biological opinion.

Factors controlling Delta exports, 6/16/20 - 6/22/20: Controlling factors included Delta water quality criteria that may have limited exports [i.e., Delta outflow and Collinsville EC]. Water quality constraints [i.e., Delta outflow and Collinsville EC] are anticipated to remain as controlling factors. Anticipate minimum Delta outflow will control Delta exports beginning next week.

Agenda Item 4.

Review of Environmental Data

OMR Index and USGS Tidally Filtered Values are displayed on SacPAS. http://www.cbr.washington.edu/sacramento/data/delta_loss.html

Approximate OMR gauge data as of 6/20/20:

	USGS gauges (cfs)	Index (cfs)
Daily	-4,300 cfs	-4,000 cfs
5-day	-4,900 cfs	-4,100 cfs
14-day	-3,700 cfs	-3,500 cfs

Approximate OMRs as of 6/22/20:

	Index (cfs)
Daily	-3,700 cfs
5-day	-4,100 cfs
14-day	-3,600 cfs

Average Daily Water Temperature as of 6/22/2020:

http://cdec.water.ca.gov/dynamicapp/staMeta?station_id=MSD *
http://cdec.water.ca.gov/dynamicapp/staMeta?station_id=PPT **

Tidal Information: Neap tide on 6/28/20.

^{*} CDEC missing MSD data for 6/13/20, 6/14/20, and 6/20/20.

^{**} CDEC missing PPT data for 6/20/20.

Agenda Item 5.

Fish Abundance and Distribution

Hatchery Releases

On 6/20/20, CDFW released approximately 250,000 brood year 2019 fall-run (FR) Chinook salmon from the Mokelumne River Hatchery into the net pens at Pillar Point Harbor (Half Moon Bay). This included 25% adipose fin clip and Coded Wire Tagged (CWT) fish.

Fish Monitoring

Historical Fish Monitoring Data

Average percent of annual emigrating population for each species of interest (based on LAD) captured at the following locations by 6/21 for the years 2005 to 2018. <u>SacPAS Migration</u> Timing Website

Species	Red Bluff Diversion Dam	Tisdale RST	Knights Landing RST	Sac Trawl (Sherwood)	Chipps Island Trawl	Average Percent Salvaged at SWP and CVP Delta Facilities
Winter-run Chinook salmon	100%	100%	100%	100%	100%	100%
Spring-run Chinook salmon	100%	100%	100%	100%	100%	100%
Steelhead	30.6%	93.6%	98.7%	99.9%	99.4%	99.4%

• SaMT members noted that steelhead observed at the Red Bluff Diversion Dam at this time of year are likely to be comprised of rearing fish rather than BY2019 YOY or older juveniles that are out-migrating.

Current Fish Monitoring Data

Fish monitoring data summarized over the past week are found on Bay Delta Live. Unless otherwise noted, reported races are based on fork length (LAD).

Location	Feather River RST Eye Channel A	Feather River RST Herringer ^B	GCID RST ^C	Sacramento Trawls ^D	Chipps Island Midwater Trawl ^D
Sample Dates	6/15/20 - 6/18/20	6/15/20 - 6/18/20	6/16/20 - 6/22/20	6/14/20 - 6/20/20	6/14/20 - 6/20/20
Chinook					
FR Chinook	88	8	124 juveniles		1
SR Chinook					
WR Chinook					
LFR Chinook	1				
Chinook (ad-clip)					
Steelhead (natural)	2				
Steelhead (ad-clip)					
Green Sturgeon					
Flows (avg. cfs)	650	3,300	1,242		
W. Temp. (avg. °F)	61.3	64.7	59.6		
Turbidity (avg. NTU)	1.97	2.8	7.93		

^A Feather River RST data from Eye Side Channel sampling period was from 6/15/20 at 9:06 to 6/18/20 at 10:30. Traps pulled on 6/18/20 due to a large tree branch stopping the cone. No weekend trapping for the remainder of the season.

Tisdale and Knights Landing trapping ended on 5/26/20 due to river temperatures reaching 70°F.

^B Feather River RST data at Herringer sampling period was from 6/15/20 at 10:30 to 6/18/20 at 12:25 Traps pulled for weekend on 6/18/20. No weekend trapping for the remainder of the season.

^cGCID RST sampling period was from 6/16/20 to 6/22/20. RST operating at half cone.

^D DatCall sampling data period was from 6/14/20 to 6/20/20.

Fish monitoring gear efficiency, COVID-19 impacts, current status:

Monitoring Survey	Status (6/23/20, no new changes from last week)
Delta	
SWP regular counts, CWT reading, and larval	
sampling	Ongoing through modified staffing
CVP regular counts, CWT reading, and larval sampling	Ongoing through modified staffing
	Ongoing through modified staffing.
Smelt Larval Survey	Suspended temporarily. Completed data analysis ongoing. Starting 4/13/20, modified (prioritizing South/Central Delta). Starting
	on 5/11/20, increased to predominantly an entire survey with 44 of 47
20mm Survey	stations representing all strata.
Bay Study	Expected to resume by end of June 2020
DJFMP - Chipps and Sacrament Trawls	Occurring
DJFMP- Seines	Expected to resume in the first week of July 2020
EDSM	Occurring
EMP Continuous	Occurring
EMP Discrete	Expected to resume by end of June 2020
Mossdale	Suspended since 3/16/20
USGS Flow monitoring	Occurring
Sacramento River	
Acoustic tagging - Battle Creek "Jumpstart"	T. 1. 250 C.1
hatchery winter run Chinook Acoustic tagging - Offsite Release study of fall	Tagged ~ 250 fish
run Chinook	Postponed until 2021
	CDFW taking on tagging in Butte (14 tagged 5/15/20, 9 tagged 5/18/20) –
Acoustic tagging - Spring run Chinook	as fish come into trap and as staff are available
Acoustic tagging - Pulse Flow experiment	Approximately 623 fish tagged.
Red Bluff Diversion Dam screw trap	Current plans to resume operations on 7/1/20.
Knights Landing screw trap	Sampling completed for WY 2020.
Tisdale screw trap	Sampling completed for WY 2020.
Redd dewatering and stranding surveys	Suspended March and April of 2020. Resumed May 2020
Comments Comments at 1 D 11 C	Carcass surveys continuing. Redd surveys suspended March and
Sacramento Carcass and Redd Surveys	April but resumed and partially in May 2020.
San Joaquin River	
SJRRP CDFW and USFWS Field Monitoring	On hold until further notice
SJRRP USBR Field Monitoring	Ongoing with modified staffing
San Joaquin River Steelhead (Mokelumne Hatchery) acoustic tagging	Cancelled
matchery) acoustic tagging	Cancencu

Green Sturgeon

Eight juvenile green sturgeon were tagged on the Sacramento River north of Sherman Lake, all on 6/18/20. All eight were BY 2019. Ten juvenile green sturgeon were detected on the Sacramento River north of Sherman Lake on 6/18/20. SaMT members noted that Didson surveys indicate green sturgeon are present in the upper Sacramento River.

DOSS Weekly Salvage Update

Reporting Period: June 15-June 21, 2020
Prepared by Kyle Griffiths on June 22, 2020 15:24
Preliminary Results -Subject to Revision

Criteria	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun	Trend	
Loss Densities									
Wild older juvenile CS	0	0	0	0	0	0	0	\rightarrow	0.00
Wild steelhead	0	0	0	0	0	0	0	\rightarrow	0.00
Exports									
SWP daily export	858	1,013	1,009	4,430	1,136	721	750	7	1,417
CVP daily export	5,374	5,365	5,554	5,548	6,941	6,950	6,951	1	6,098
SWP reduced counts	0	0	0	0	0	0	0		
CVP reduced counts	0	0	0	0	0	0	0		

Loss Density = fish lost/TAF; water export = AF; Trend = compared to previous week; wild = adipose fin present
Loss = estimated number of fish lost at the CVP and SWP Delta export facilities based on estimated salvage (see below)
Reduced counts = percentage of time that routine salvage sample time were less than 30 min per 2 hours of salvage and export operations
Yellow highlighted dates indicate TFCF salvage outage occurred

Chinook Salmon Weekly/Season Salvage and Loss

Combined salvage and loss for both CVP and SWP fish facilities

Race determined by size at date of capture; hatchery = adipose fin missing;

		W	eekly Tota	ıl	Seaso	n Total	Season	Total
Cat	tegory	Salvage	Loss	Trend	Salvage	Loss	Salvage	Loss
Wild								
	Winter Run	0	0	\rightarrow	45	80	107	197
	Spring Run	0	0	\rightarrow	171	478	2265	4168
	Late Fall Run	0	0	\rightarrow	12	8	12	8
	Fall Run	4	3	1	3,202	5,360	1046	1554
	Unclassified	0	0	\rightarrow	0	0	0	0
	Total	4	3		3,430	5,927	3,430	5,927
Hatchery								
	Winter Run	0	0	\rightarrow	18	16	80	94
	Spring Run	0	0	\rightarrow	1,177	1,595	1048	1473
	Late Fall Run	0	0	\rightarrow	195	153	186	144
	Fall Run	0	0	\rightarrow	49	35	125	88
	Unclassified	0	0	\rightarrow	0	0	0	0
	Total	0	0		1,439	1,799	1,439	1,799

Trend = weekly loss per race; Salvage = estimated number of fish collected by the CVP and SWP fish protective facilities per unit of time NC = cannot be calculated; hatchery salmon salvage and loss estimates have been corrected using CWT readings when available

Steelhead Weekly/Season Salvage and Loss

Combined salvage and loss for both CVP and SWP fish facilities $% \left(1\right) =\left(1\right) \left(1$

	W	Weekly Total			n Total	Season Total > 4/1	
Category	Salvage	Loss	Trend	Salvage	Loss	Salvage	Loss
Wild	0	0	\rightarrow	300	726	149	324
Hatchery	0	0	\rightarrow	428	659		
Total	0	0		728	1.385		

State Water Project loss = salvage x 4.33; Central Valley Project loss = salvage x 0.68

Genetics results became available after the SaMT call. All Chinook salvaged during this water year that have been analyzed were fall/late fall-run except for 12 winter-run salvaged: on 3/6/20, 3/10/20, 3/16/2020, 3/18/20; 3/21/20, 3/24/20, 3/29/20, 3/31/20, 4/21/20, and 4/24/20; and 2 spring-run salvaged on 4/7/2020 and 4/20/2020. 9 fall-run and spring-run sized Chinook salmon samples that had probabilities lower than 80% could be categorized as undetermined.

A winter-run-sized Chinook salmon of hatchery-origin was sampled at the SWP on 5/6/20 for genetic analysis instead of CWT. It was genetically fall-run.

Please see Attachment 1 for more details.

SaMT Estimates of Fish Distribution

SaMT estimates of the current distribution of listed salmonids, as a percentage of the population, are based on recent monitoring data and historical migration timing patterns.

Location	Yet to Enter Delta (Upstream of Knights Landing)	In the Delta	Exited the Delta (Past Chipps Island)
Young-of-year (YOY)	0%	0%	100%
winter-run Chinook salmon	Last week: 0%	Last week: 0%	Last week: 100%
YOY spring-run Chinook	0%	0-1%	99-100%
salmon	Last week: 0%	Last week: 0-5%	Last week: 95-100%
YOY hatchery winter-run	0%	0%	100%
Chinook salmon	Last week: 0%	Last week: 0%	Last week: 100%
Natural origin steelhead	0-1%	0-20%	80-99%
	Last week: 0-1%	Last week: 10-30%	Last week: 70-89%

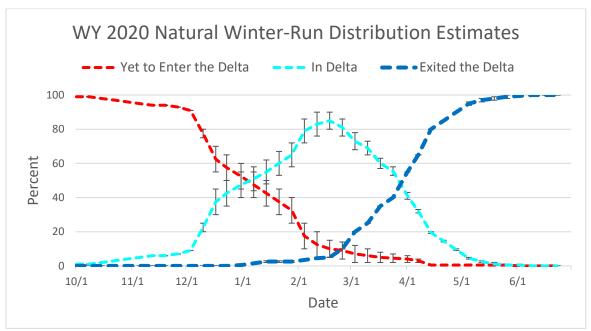
- SaMT members noted that, given observed surface temperatures along the rivers, salmonid outmigration is likely close to ending.
- Steelhead distribution: Steelhead can rear for more than a year and can be present year-round in freshwater. Yet to Enter Delta will go to 0% sometime middle of July. SaMT specifies this table excludes rearing fish in this category, distribution estimate only includes fish that are out-migrating.

Rationale for changes in distribution

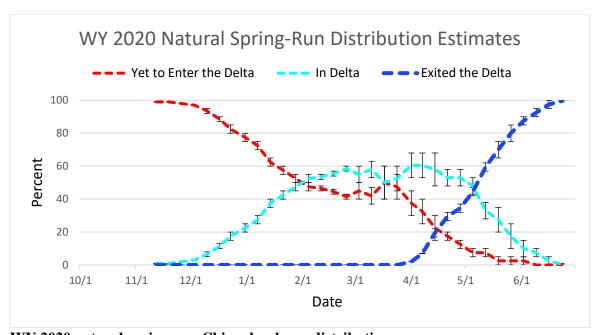
Described in the Assessment document in abundance and distribution sections. A draft Assessment document was sent to SaMT members prior to the weekly call. Final weekly Assessment documents will be posted to the <u>WOMT web page</u>.

Distribution estimate figures

Distribution estimate figures for natural winter-run and spring-run Chinook salmon as discussed during the SaMT meetings.



WY 2020 natural winter-run Chinook salmon distribution



WY 2020 natural spring-run Chinook salmon distribution

Agenda Item 6. Fish Exposure and Behavioral Cues: Historical Patterns

Described in Assessment document in abundance and distribution sections posted on the <u>WOMT</u> web page.

Current Conditions

Entrainment into the Interior Delta:

Described in Assessment document soon to be posted on the **WOMT** web page.

DSM2

DSM2 – Modelling results are provided in the Assessment document weekly on Mondays and Fridays. The Assessment document will be posted on the <u>WOMT web page</u>.

Sensitivity to Operational Actions - SaMT Feedback on Entrainment Risk

SaMT members were provided a draft Assessment on Friday afternoon. The most recent draft Assessment distributed was on 6/19/20 prior to the 6/23/20 meeting. Input that was received on the draft Assessment document was incorporated into the draft Assessment document that SaMT reviewed during this call. This week's Assessment document was finalized 6/23/20 and will be posted to the WOMT web page.

Agenda Item 7.

Other Topics

SaMT discussed <u>DWR's ITP</u> categorization for entrainment, exposure, export, and overall risk.

SaMT provides weekly entrainment risk outlooks by considering (a) two different categories of entrainment risk based on listed fish distribution and (b) factors that influence their potential for entrainment. The two entrainment risk categories considered include:

- Interior Delta Entrainment Risk- fish in the Sacramento River that have the potential to be entrained into the Interior Delta through the Delta Cross Channel (when open) and/or Georgiana Slough; and
- CVP/SWP Facilities Entrainment Risk- fish in the Interior Delta that have the potential to be entrained into the CVP/SWP facilities.

Influencing factors considered include:

- Exposure Risk (both categories): estimated scale (low, medium, high) of fish anticipated to be in vicinity of an entrainment risk,
- Routing Risk (Interior Delta Entrainment Risk): estimated scale (low, medium, high) that flow split conditions could result in fish migrating into the Interior Delta instead of remaining in main channel, and
- OMR/Export Risk (CVP/SWP Facilities Entrainment Risk): for fish in the Interior Delta, estimated scale (low, medium, high) that OMR and/or export levels could result in entrainment into the CVP/SWP facilities.

To provide an overall assessment of entrainment risk, the estimated current status of these influencing factors are described below for each of the entrainment risk categories.

8.1.5.1.C. Assessment of risk of entrainment into the central Delta and CVP/SWP facilities for winter-run Chinook salmon and spring-run Chinook salmon in the Sacramento River over the next week:

8.1.5.1.C.ii. Exposure Risk:	Winter-run Chinook salmon: N/A* Spring-run Chinook salmon: Low
8.1.5.1.C.iii. Routing Risk:	Winter-run Chinook salmon: N/A* Spring-run Chinook salmon: Medium
8.1.5.1.C.iv. Overall Risk:	Winter-run Chinook salmon: N/A* Spring-run Chinook salmon: Low

^{*}SaMT estimates that all of the current brood year's winter-run Chinook salmon population has migrated out of the Delta at this time, and therefore are not at risk of exposure or entrainment.

8.1.5.1.D. CVP/SWP facilities entrainment risk for winter-run Chinook salmon and spring-run Chinook salmon in the central Delta over the next week:

8.1.5.1.D.iii. Exposure Risk Assessments:	Winter-run Chinook salmon: N/A**
-	Spring-run Chinook salmon: Low
8.1.5.1.D.iv. Reporting OMR/Export Risk:	
OMR -3,000 cfs:	Winter-run Chinook salmon: N/A**
	Spring-run Chinook salmon: Low
OMR -3,600 cfs:	Winter-run Chinook salmon: N/A**
	Spring-run Chinook salmon: Medium
OMR -5,000 cfs:	Winter-run Chinook salmon: N/A**
	Spring-run Chinook salmon: Medium
8.1.5.1.D.v. Overall Entrainment Risk:	
OMR -3,000 cfs:	Winter-run Chinook salmon: N/A**
	Spring-run Chinook salmon: Low
OMR -3,600 cfs:	Winter-run Chinook salmon: N/A**
	Spring-run Chinook salmon: Low
OMR -5,000 cfs:	Winter-run Chinook salmon: N/A**
	Spring-run Chinook salmon: Low

^{**}SaMT estimates that all of the current brood year's winter-run Chinook salmon population has migrated out of the Delta at this time, and therefore are not at risk of exposure or entrainment to export actions.

- Reclamation asked for interest in a DSM2 webinar / seminar summer 2020. SaMT members will reach out to Suzanne to express their interest.
- SaMT discussed meeting on 6/30/20. Members do not expect much change to occur within the next week. CDFW plans to request a meeting if a discussion on the ITP is deemed necessary. DWR will update the Ops Outlook on 6/30/20 or 7/1/20 to fulfill the requirements table has been updated through 6/30/20. There will be an email data distribution on 7/1/20 to satisfy the requirement for End of OMR Management.

• SaMT discussed annual reporting and noted that the LTO Coordination group will be reviewing an outline. Additional SaMT calls will be scheduled on an as needed basis over the summer to discuss the development of the annual report.

Agenda Item 8.

Considerations for WOMT

• SaMT did not provide any considerations to WOMT but did note the difference in offramp periods between the Federal ESA (ESA section 7 proposed action and biological opinions) and California ESA (California Department of Fish and Wildlife Incidental Take Permit). While the federal OMR flow management off-ramp has been met for salmonids, the state has one more week of management (through 6/30/20).

Agenda Item 9.

Next SaMT Meeting to be determined. Hold Tuesdays from 9:00 am to 10:00 am time slot for SaMT meetings that will likely occur less frequently over the summer.

Attachment 1

Preliminary Genetic Data for CVP/SWP Salvage – Data subject to revision. 6/26/20

Caution should be exercised when interpreting population assignment results, as the nuances of the statistical analysis used to generate the results may not be apparent. The mathematical error regarding the broad determination of winter run versus non-winter run is essentially zero. There is high confidence in the "Assignment" and probability shown in "PosProb1", so that information could be viewed as "certain". Regarding finer sub-divisions of population assignment, error can increase. The "Group" label is categorized by run type (or race); however, there is little genetic difference between fall and late-fall. It is more appropriate to collapse the information into the National Marine Fisheries Service's designated Evolutionary Significant Units (ESU): 1) fall/late fall; 2) spring; and 3) winter. Regarding the probabilities themselves, a value greater than 0.80 is viewed as highly likely and is interpreted as the observed assignment to the "group" shown was statistically greater than to any other possible group. Similarly, values lower than 0.80 are statistically less uncertain. The "Assignment" and "Group" categories represent genetic identification using markers and methods that have been NMFS-approved.

Additional analyses have been included in the population assignments results table. The "ots28" column represents the outcome of an analysis using 18 markers spanning two genes associated with migration timing (i.e. greb1L and rock1). Early migrating stocks (e.g. winter Chinook Salmon, spring Chinook Salmon) have different genetic information at markers than late migrating stocks (e.g. fall Chinook Salmon). Currently, ots28 data are not included in genetic assignment process (i.e. "Assignment, "Group"). Ots28 information has been included in reporting table to enhance characterization of fall-run versus spring-run ambiguity and provide a useful supplement to population assignments. The "sexid" column represents the genotype at a Y-Chromosome sex determination marker that is highly correlated with phenotypic sex. Accurately documenting sex visually is quite challenging for juvenile or immature Salmon.

For the results provided, assignment probabilities were high for winter/non-winter (shown; PosProb1) and ESU level (i.e., fall <u>and</u> late fall combined)(not shown). In addition, known introgression between Feather River spring-run and Feather River fall-run Chinook salmon may result in low assignment probabilities when those individuals are present.

All Chinook salvaged during this water year that have been analyzed were fall/late fall-run except for 12 winter-run salvaged: on 3/6/20, 3/10/20, 3/16/2020, 3/18/20; 3/21/20, 3/24/20, 3/29/20, 3/31/20, 4/21/20, and 4/24/20; 2 spring-run salvaged on 4/7/2020 and 4/20/2020, and 9 samples that had probabilities lower than 80% could be considered undetermined.

SAMPLEDATE	FORKLENGTH	OTS28	SEXID	ASSIGNMENT	POSPROB1	GROUP	POSPROB2	DELTAMODEL	FACILITY
12/3/2019 18:00	185	late	female	Non-winter	1.000	Late Fall	0.500	Fall	CVP
12/5/2019 18:00	168	late	female	Non-winter	1.000	Fall	0.987	Late Fall	CVP
12/6/2019 20:00	137	late	female	Non-winter	1.000	Fall	1.000	Late Fall	CVP
1/18/2020 0:00	181	late	female	Non-winter	1.000	Fall	0.903	Late Fall	CVP
1/20/2020 10:00	170	late	male	Non-winter	1.000	Fall	0.985	Winter	CVP
1/22/2020 22:00	135	late	male	Non-winter	1.000	Fall	0.997	Winter	CVP
1/28/2020 16:00	128	late	female	Non-winter	1.000	Fall	0.978	Winter	CVP
1/29/2020 6:00	181	late	female	Non-winter	1.000	Fall	0.996	Winter	CVP
2/7/2020 12:00	35	late	female	Non-winter	1.000	Fall	0.992	Fall	CVP
2/8/2020 10:00	37	late	male	Non-winter	1.000	Fall	0.920	Fall	CVP
2/8/2020 12:00	40	late	female	Non-winter	1.000	Fall	0.983	Fall	CVP
2/9/2020 14:00	202	late	female	Non-winter	1.000	Fall	0.981	Winter	CVP
2/9/2020 14:00	32	late	male	Non-winter	1.000	Fall	0.981	Fall	CVP
2/11/2020 20:00	36	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
2/14/2020 20:00	37	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
3/6/2020 13:00	119	early	female	Winter	1.000	Winter	1.000	Winter	SWP
3/8/2020 4:00	145	late	female	Non-winter	1.000	Fall	1.000	Winter	CVP
3/8/2020 21:00	104	early	male	Non-winter	1.000	Fall	0.999	Winter	SWP
3/9/2020 16:30	150	late	female	Non-winter	1.000	Fall	1.000	Winter	SWP
3/10/2020 9:00	198	early	male	Non-winter	1.000	Fall	0.999	Winter	CVP
3/10/2020 20:00	120	early	male	Winter	0.994	Winter	0.994	Winter	CVP
3/11/2020 2:00	204	late	female	Non-winter	1.000	Fall	0.882	Winter	CVP
3/13/2020 2:00	195	early	male	Non-winter	1.000	Fall	1.000	Winter	CVP
3/16/2020 8:00	113	early	female	Winter	0.988	Winter	0.988	Winter	CVP
3/18/2020 2:00	130	early	male	Winter	1.000	Winter	1.000	Winter	CVP
3/18/2020 4:00	131	early	male	Winter	1.000	Winter	1.000	Winter	CVP
3/18/2020 6:00	130	early	male	Winter	1.000	Winter	1.000	Winter	CVP
3/18/2020 10:00	75	late	male	Non-winter	1.000	Fall	0.998	Spring	CVP
3/21/2020 14:00	112	early	female	Winter	1.000	Winter	1.000	Winter	CVP
3/23/2020 14:00	100	early	female	Non-winter	1.000	Fall	0.999	Spring	CVP

3/23/2020 14:00	94	early	male	Non-winter	1.000	Fall	0.998	Spring	CVP
3/24/2020 14:00	111	early	male	Winter	0.977	Winter	0.977	Spring	CVP
3/25/2020 4:00	120	early	male	Non-winter	1.000	Fall	0.982	Winter	CVP
3/25/2020 14:30	88	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
3/25/2020 14:30	99	early	male	Non-winter	1.000	Fall	0.997	Spring	SWP
3/26/2020 7:00	121	early	female	Non-winter	1.000	Fall	0.579	Winter	SWP
3/26/2020 12:00	111	early	female	Non-winter	1.000	Fall	1.000	Spring	SWP
3/26/2020 12:30	175	late	female	Non-winter	1.000	Fall	0.999	Winter	SWP
3/27/2020 7:00	111	early	female	Non-winter	1.000	Fall	0.990	Spring	SWP
3/27/2020 11:00	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
3/27/2020 18:00	80	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
3/27/2020 22:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
3/28/2020 8:00	93	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
3/28/2020 19:00	220	late	female	Non-winter	1.000	Fall	1.000	Winter	SWP
3/29/2020 2:00	95	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
3/29/2020 11:00	97	early	female	Non-winter	1.000	Fall	0.998	Spring	SWP
3/29/2020 13:00	100	late	female	Non-winter	1.000	Fall	0.995	Spring	SWP
3/29/2020 13:00	124	early	female	Winter	1.000	Winter	1.000	Winter	SWP
3/30/2020 13:00	270	early	male	Non-winter	1.000	Fall	0.999	Winter	SWP
3/30/2020 13:00	106	early	female	Non-winter	1.000	Fall	0.565	Spring	SWP
3/31/2020 3:00	126	early	female	Winter	1.000	Winter	1.000	Winter	SWP
3/31/2020 17:00	106	early	male	Non-winter	1.000	Fall	0.998	Spring	SWP
4/1/2020 2:00	91	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/1/2020 23:59	98	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/2/2020 4:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/3/2020 2:00	85	late	male	Non-winter	1.000	Fall	0.883	Spring	CVP
4/3/2020 2:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/3/2020 10:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/3/2020 22:00	93	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/3/2020 23:59	190	late	male	Non-winter	1.000	Fall	0.997	Winter	CVP
4/3/2020 23:59	87	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP

4/4/2020 4:00	65	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/4/2020 14:00	90	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/5/2020 22:00	198	late	male	Non-winter	1.000	Fall	1.000	Winter	CVP
4/5/2020 23:59	93	late	female	Non-winter	1.000	Fall	0.998	Spring	CVP
4/6/2020 2:00	94	late	male	Non-winter	1.000	Fall	0.996	Spring	CVP
4/6/2020 4:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/6/2020 23:59	90	late	male	Non-winter	1.000	Fall	0.998	Spring	CVP
4/7/2020 4:00	194	late	female	Non-winter	1.000	Fall	1.000	Winter	CVP
4/7/2020 17:00	96	early	female	Non-winter	1.000	Spring	0.996	Spring	SWP
4/7/2020 22:00	93	early	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/7/2020 23:59	92	late	male	Non-winter	1.000	Fall	0.998	Spring	CVP
4/7/2020 23:59	91	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 2:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 13:00	104	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/8/2020 16:00	93	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 16:00	88	late	female	Non-winter	1.000	Fall	0.993	Spring	CVP
4/8/2020 18:00	97	early	male	Non-winter	1.000	Fall	0.996	Spring	CVP
4/8/2020 18:00	98	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 20:00	97	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 20:00	96	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 20:00	104	early	female	Non-winter	1.000	Fall	0.995	Spring	CVP
4/8/2020 20:00	92	late	female	Non-winter	1.000	Fall	0.975	Spring	CVP
4/8/2020 23:59	93	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/8/2020 23:59	105	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 23:59	90	late	male	Non-winter	1.000	Fall	0.997	Spring	CVP
4/8/2020 23:59	92	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/8/2020 23:59	84	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/8/2020 23:59	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 2:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 2:00	86	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 2:00	93	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP

4/9/2020 2:00	84	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 2:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 4:00	88	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 4:00	100	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 4:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 4:00	92	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 4:00	83	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 4:00	81	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 6:00	107	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	98	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 6:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	90	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	90	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	92	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	86	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 6:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	81	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 6:00	82	late	female	Non-winter	1.000	Fall	0.997	Spring	CVP
4/9/2020 18:00	76	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/9/2020 18:00	94	early	female	Non-winter	1.000	Fall	0.998	Spring	CVP
4/9/2020 18:00	82	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/9/2020 20:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 20:00	93	late	male	Non-winter	1.000	Fall	0.996	Spring	CVP
4/9/2020 22:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 22:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/9/2020 23:59	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 4:00	97	early	male	Non-winter	1.000	Fall	0.989	Spring	CVP
4/10/2020 4:00	88	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 4:00	86	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP

4/10/2020 4:00	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 6:00	97	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 6:00	103	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 6:00	93	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 6:00	84	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 6:00	93	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/10/2020 6:00	82	late	male	Non-winter	1.000	Fall	0.995	Spring	CVP
4/10/2020 6:00	79	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 6:00	73	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/10/2020 20:00	79	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 20:00	98	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 20:00	97	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 20:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 20:00	89	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/10/2020 22:00	90	late	male	Non-winter	1.000	Fall	0.944	Spring	CVP
4/10/2020 22:00	81	late	female	Non-winter	1.000	Fall	0.998	Spring	CVP
4/10/2020 22:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 2:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 2:00	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 4:00	104	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 4:00	89	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 4:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 4:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 4:00	89	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	78	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	84	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	92	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 6:00	90	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	78	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	90	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP

4/11/2020 6:00	79	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 6:00	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 6:00	81	early	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 18:00	90	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	95	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	89	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 20:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	100	early	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 20:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	94	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 20:00	104	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	91	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	89	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	83	late	male	Non-winter	1.000	Fall	0.994	Spring	CVP
4/11/2020 20:00	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 20:00	70	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/11/2020 20:00	73	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/11/2020 20:00	79	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	101	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	96	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 22:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	92	late	male	Non-winter	1.000	Fall	0.994	Spring	CVP
4/11/2020 22:00	102	late	male	Non-winter	1.000	Fall	0.988	Spring	CVP
4/11/2020 22:00	86	early	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 22:00	74	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP

4/11/2020 22:00	82	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	83	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/11/2020 22:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	99	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	78	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	76	late	female	Non-winter	1.000	Fall	0.999	Fall	CVP
4/11/2020 22:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	85	late	female	Non-winter	1.000	Fall	0.997	Spring	CVP
4/11/2020 22:00	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 22:00	81	early	female	Non-winter	1.000	Fall	0.987	Spring	CVP
4/11/2020 23:59	86	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 23:59	82	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 23:59	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/11/2020 23:59	76	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/11/2020 23:59	72	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/12/2020 2:00	84	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 2:00	81	early	female	Non-winter	1.000	Fall	0.994	Spring	CVP
4/12/2020 4:00	79	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 4:00	76	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/12/2020 4:00	73	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/12/2020 6:00	95	late	female	Non-winter	1.000	Fall	0.998	Spring	CVP
4/12/2020 6:00	96	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 6:00	103	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 6:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 6:00	87	early	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 6:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 6:00	84	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 6:00	87	late	male	Non-winter	1.000	Fall	0.998	Spring	CVP
4/12/2020 6:00	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 6:00	84	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 8:00	83	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP

4/12/2020 8:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 8:00	83	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 13:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/12/2020 13:00	84	early	male	Non-winter	1.000	Fall	0.999	Spring	SWP
4/12/2020 16:00	87	late	male	Non-winter	1.000	Fall	0.961	Spring	CVP
4/12/2020 16:40	89	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/12/2020 20:00	91	early	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 22:00	88	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 22:00	99	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	86	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	94	late	male	Non-winter	1.000	Fall	0.983	Spring	CVP
4/12/2020 22:00	108	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	89	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	89	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	88	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 22:00	91	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 22:00	93	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	86	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 22:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	92	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 22:00	101	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	89	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	91	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	98	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP

4/12/2020 23:59	92	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	79	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/12/2020 23:59	103	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	103	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	79	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/12/2020 23:59	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 2:00	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 2:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 2:00	79	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 2:00	89	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 2:00	101	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 4:00	82	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/13/2020 4:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 4:00	89	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 4:00	102	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	95	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/13/2020 6:00	97	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	86	early	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	83	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	76	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/13/2020 6:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	79	late	male	Non-winter	1.000	Fall	0.950	Spring	CVP
4/13/2020 6:00	81	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 6:00	81	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/13/2020 8:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 10:00	83	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 15:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP

4/13/2020 15:40	83	early	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/13/2020 15:40	96	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/13/2020 22:00	78	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/13/2020 22:00	89	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 22:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 22:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 22:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 22:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 22:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 23:59	74	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/13/2020 23:59	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 23:59	93	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 23:59	91	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 23:59	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 23:59	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/13/2020 23:59	78	late	female	Non-winter	1.000	Fall	0.998	Fall	CVP
4/13/2020 23:59	83	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 2:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 2:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 2:00	84	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/14/2020 2:00	83	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/14/2020 2:00	92	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 2:00	83	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/14/2020 2:00	76	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/14/2020 2:00	80	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 2:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 2:00	75	late	male	Non-winter	1.000	Fall	0.999	Fall	CVP
4/14/2020 6:00	96	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 6:00	92	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 6:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 6:00	98	late	male	Non-winter	1.000	Fall	0.991	Spring	CVP

4/14/2020 6:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 6:00	80	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 6:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 6:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 8:00	94	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 8:00	73	late	male	Non-winter	1.000	Fall	0.998	Fall	CVP
4/14/2020 8:00	92	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 14:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 14:00	80	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 14:00	88	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 22:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 22:00	79	late	female	Non-winter	1.000	Fall	0.999	Fall	CVP
4/14/2020 22:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/14/2020 22:00	83	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/14/2020 23:59	86	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/14/2020 23:59	88	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/14/2020 23:59	91	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 1:00	94	early	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/15/2020 1:00	88	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/15/2020 1:00	90	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/15/2020 1:00	82	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/15/2020 2:00	79	late	male	Non-winter	1.000	Fall	0.999	Fall	CVP
4/15/2020 2:00	84	late	female	Non-winter	1.000	Fall	0.999	Spring	CVP
4/15/2020 2:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	81	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/15/2020 4:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	81	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/15/2020 4:00	91	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	78	late	female	Non-winter	1.000	Fall	0.990	Fall	CVP
4/15/2020 4:00	77	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP

4/15/2020 4:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	81	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	89	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 4:00	96	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 6:00	76	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/15/2020 8:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 8:00	90	late	female	Non-winter	1.000	Fall	0.996	Spring	CVP
4/15/2020 8:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 14:00	82	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/15/2020 22:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 23:59	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 23:59	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/15/2020 23:59	83	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/16/2020 1:00	80	late	female	Non-winter	1.000	Fall	0.998	Fall	SWP
4/16/2020 1:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/16/2020 1:00	78	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
4/16/2020 1:00	86	late	female	Non-winter	1.000	Fall	0.999	Spring	SWP
4/16/2020 2:00	81	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/16/2020 2:00	81	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/16/2020 4:00	101	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/16/2020 4:00	93	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/16/2020 4:00	87	late	male	Non-winter	1.000	Fall	0.999	Spring	CVP
4/16/2020 4:00	85	late	female	Non-winter	1.000	Fall	0.945	Spring	CVP
4/16/2020 4:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/16/2020 4:30	84	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/16/2020 8:00	79	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/16/2020 12:00	75	late	female	Non-winter	1.000	Fall	0.999	Fall	CVP
4/16/2020 12:00	91	late	female	Non-winter	1.000	Fall	0.995	Spring	CVP
4/16/2020 12:00	89	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP

4/16/2020 22:00	83	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/16/2020 22:00	91	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/16/2020 23:59	78	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/16/2020 23:59	86	early	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 2:00	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 2:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 4:00	85	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 4:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 6:00	89	late	male	Non-winter	1.000	Fall	0.998	Spring	CVP
4/17/2020 8:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 10:00	86	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 13:00	97	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 13:00	124	early	male	Non-winter	1.000	Fall	0.994	Spring	SWP
4/17/2020 13:00	88	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 13:00	96	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 13:00	86	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 13:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 13:00	111	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:00	88	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	118	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	90	late	male	Non-winter	1.000	Fall	0.998	Spring	SWP
4/17/2020 15:30	89	late	female	Non-winter	1.000	Fall	0.997	Spring	SWP
4/17/2020 15:30	95	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	104	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	102	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	84	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	90	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 15:30	89	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/17/2020 22:00	85	late	male	Non-winter	1.000	Fall	0.974	Spring	CVP
4/17/2020 22:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/17/2020 23:59	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP

4/18/2020 2:00	85	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/18/2020 4:00	95	late	female	Non-winter	1.000	Fall	0.983	Spring	CVP
4/18/2020 4:00	87	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/18/2020 4:00	86	late	female	Non-winter	1.000	Fall	0.996	Spring	CVP
4/18/2020 8:00	88	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/18/2020 15:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 15:00	84	late	female	Non-winter	1.000	Fall	0.994	Spring	SWP
4/18/2020 16:00	82	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/18/2020 17:30	103	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 17:30	84	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 17:30	96	late	male	Non-winter	1.000	Fall	0.998	Spring	SWP
4/18/2020 17:30	88	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 17:30	89	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 17:30	97	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 17:30	91	late	male	Non-winter	1.000	Fall	0.999	Spring	SWP
4/18/2020 17:30	82	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/18/2020 22:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/19/2020 2:00	80	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/19/2020 6:00	91	late	male	Non-winter	1.000	Fall	0.996	Spring	CVP
4/19/2020 8:00	83	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/19/2020 13:00	90	late	female	Non-winter	1.000	Fall	0.998	Spring	SWP
4/19/2020 13:00	78	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
4/19/2020 15:30	86	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	117	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	124	late	male	Non-winter	1.000	Fall	0.999	Spring	SWP
4/19/2020 15:30	105	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	85	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	96	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	93	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	99	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/19/2020 15:30	83	late	male	Non-winter	1.000	Fall	0.999	Spring	SWP

4/19/2020 18:00	95	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/20/2020 6:00	80	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/20/2020 11:00	84	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 11:00	80	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
4/20/2020 13:00	105	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 13:00	82	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
4/20/2020 13:00	98	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 13:00	98	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:00	78	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
4/20/2020 15:00	109	late	female	Non-winter	1.000	Fall	0.999	Spring	SWP
4/20/2020 15:00	102	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:00	79	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
4/20/2020 15:00	89	late	female	Non-winter	1.000	Fall	0.998	Spring	SWP
4/20/2020 15:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:00	88	late	female	Non-winter	1.000	Fall	0.986	Spring	SWP
4/20/2020 15:40	92	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	96	late	female	Non-winter	1.000	Fall	0.998	Spring	SWP
4/20/2020 15:40	98	late	male	Non-winter	1.000	Fall	0.999	Spring	SWP
4/20/2020 15:40	91	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	109	late	male	Non-winter	1.000	Fall	0.999	Spring	SWP
4/20/2020 15:40	100	early	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	105	late	male	Non-winter	1.000	Fall	0.995	Spring	SWP
4/20/2020 15:40	115	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	95	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	99	early	female	Non-winter	1.000	Fall	0.999	Spring	SWP
4/20/2020 15:40	110	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	96	late	male	Non-winter	1.000	Fall	0.996	Spring	SWP

4/20/2020 15:40	96	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
4/20/2020 15:40	85	late	female	Non-winter	1.000	Fall	0.997	Spring	SWP
4/20/2020 16:00	100	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/20/2020 18:00	95	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/20/2020 20:00	93	early	male	Non-winter	1.000	Spring	0.929	Spring	CVP
4/21/2020 2:00	94	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/21/2020 2:00	87	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/21/2020 4:00	94	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/21/2020 4:00	84	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/21/2020 4:00	95	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
4/21/2020 6:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
4/21/2020 6:00	81	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
4/21/2020 6:00	83	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
4/21/2020 11:00	89	early	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/21/2020 12:00	80	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/21/2020 12:00	90	late	male	Non-winter	1.00	Fall	0.999	Spring	CVP
4/21/2020 13:00	93	late	male	Non-winter	1.00	Fall	0.871	Spring	SWP
4/21/2020 13:00	83	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/21/2020 13:00	123	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/21/2020 13:00	94	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 13:00	89	late	male	Non-winter	1.00	Fall	0.995	Spring	SWP
4/21/2020 13:00	91	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/21/2020 13:00	96	late	male	Non-winter	1.00	Fall	0.981	Spring	SWP
4/21/2020 13:00	97	late	female	Non-winter	1.00	Fall	0.868	Spring	SWP
4/21/2020 13:00	109	late	female	Non-winter	1.00	Fall	0.991	Spring	SWP
4/21/2020 14:00	80	late	male	Non-winter	1.00	Fall	0.999	Fall	CVP
4/21/2020 15:00	86	early	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 15:00	90	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 15:00	91	early	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 15:00	86	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 15:00	96	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP

4/21/2020 15:00	87	late	male	Non-winter	1.00	Fall	0.976	Spring	SWP
4/21/2020 15:00	87	late	male	Non-winter	1.00	Fall	0.991	Spring	SWP
4/21/2020 15:00	98	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/21/2020 15:00	94	early	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/21/2020 15:00	104	early	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 15:00	106	early	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/21/2020 15:00	90	late	female	Non-winter	1.00	Fall	0.992	Spring	SWP
4/21/2020 15:00	85	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/21/2020 15:00	92	late	male	Non-winter	1.00	Fall	0.993	Spring	SWP
4/21/2020 15:00	93	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 15:00	88	late	male	Non-winter	1.00	Fall	0.974	Spring	SWP
4/21/2020 15:00	89	late	female	Non-winter	1.00	Fall	0.939	Spring	SWP
4/21/2020 16:00	93	late	male	Non-winter	1.00	Fall	0.930	Spring	SWP
4/21/2020 16:00	91	late	female	Non-winter	1.00	Fall	0.993	Spring	SWP
4/21/2020 16:00	92	late	female	Non-winter	1.00	Fall	0.994	Spring	SWP
4/21/2020 16:00	92	late	male	Non-winter	1.00	Fall	0.995	Spring	SWP
4/21/2020 16:00	97	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 16:00	94	late	male	Non-winter	1.00	Fall	0.988	Spring	SWP
4/21/2020 16:00	95	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 16:00	89	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/21/2020 16:00	85	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 16:00	89	late	female	Non-winter	1.00	Fall	0.977	Spring	SWP
4/21/2020 16:00	86	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 16:00	84	early	male	Non-winter	1.00	Fall	0.990	Spring	SWP
4/21/2020 16:30	90	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/21/2020 16:30	84	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	105	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	94	late	male	Non-winter	1.00	Fall	0.987	Spring	SWP
4/21/2020 16:30	92	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 16:30	94	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 16:30	91	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP

4/21/2020 16:30	99	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/21/2020 16:30	95	early	female	Non-winter	1.00	Spring	0.651	Spring	SWP
4/21/2020 16:30	88	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	96	late	female	Non-winter	1.00	Fall	0.993	Spring	SWP
4/21/2020 16:30	101	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	86	late	male	Non-winter	1.00	Fall	0.990	Spring	SWP
4/21/2020 16:30	94	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/21/2020 16:30	224	late	male	Non-winter	1.00	Fall	0.998	Winter	SWP
4/21/2020 16:30	92	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	88	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	156	early	male	Winter	1.00	Winter	1.000	Winter	SWP
4/21/2020 16:30	104	late	male	Non-winter	1.00	Fall	0.689	Spring	SWP
4/21/2020 16:30	87	late	male	Non-winter	1.00	Fall	0.996	Spring	SWP
4/21/2020 16:30	83	late	female	Non-winter	1.00	Fall	0.996	Fall	SWP
4/21/2020 16:30	84	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/21/2020 16:30	90	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/21/2020 18:00	85	late	male	Non-winter	1.00	Fall	0.997	Spring	CVP
4/21/2020 18:00	85	late	female	Non-winter	1.00	Fall	1.000	Spring	CVP
4/21/2020 18:00	90	late	female	Non-winter	1.00	Fall	0.998	Spring	CVP
4/21/2020 20:00	95	late	female	Non-winter	1.00	Fall	0.985	Spring	CVP
4/21/2020 20:00	90	late	male	Non-winter	1.00	Fall	0.999	Spring	CVP
4/21/2020 20:00	85	late	male	Non-winter	1.00	Fall	0.998	Spring	CVP
4/21/2020 20:00	82	late	male	Non-winter	1.00	Fall	0.996	Fall	CVP
4/22/2020 2:00	81	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/22/2020 4:00	92	late	male	Non-winter	1.00	Fall	0.986	Spring	CVP
4/22/2020 10:00	92	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/22/2020 10:00	84	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/22/2020 11:00	88	late	female	Non-winter	1.00	Fall	0.994	Spring	SWP
4/22/2020 11:00	83	late	male	Non-winter	1.00	Fall	0.999	Fall	SWP
4/22/2020 11:00	95	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/22/2020 11:00	94	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP

4/22/2020 11:00	91	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 11:00	87	late	female	Non-winter	1.00	Fall	0.993	Spring	SWP
4/22/2020 11:00	92	late	male	Non-winter	1.00	Fall	0.993	Spring	SWP
4/22/2020 11:00	110	late	female	Non-winter	1.00	Fall	0.970	Spring	SWP
4/22/2020 11:00	102	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/22/2020 11:00	92	late	female	Non-winter	1.00	Fall	0.992	Spring	SWP
4/22/2020 11:00	95	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 11:00	92	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:00	88	late	male	Non-winter	1.00	Fall	0.984	Spring	SWP
4/22/2020 13:00	91	late	male	Non-winter	1.00	Fall	0.992	Spring	SWP
4/22/2020 13:00	104	early	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/22/2020 13:00	83	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/22/2020 13:00	87	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/22/2020 13:00	86	early	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:00	88	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:00	95	early	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/22/2020 13:00	84	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:45	85	late	female	Non-winter	1.00	Fall	0.995	Spring	SWP
4/22/2020 13:45	88	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/22/2020 13:45	84	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/22/2020 13:45	81	late	female	Non-winter	1.00	Fall	0.993	Fall	SWP
4/22/2020 13:45	84	late	male	Non-winter	1.00	Fall	0.789	Spring	SWP
4/22/2020 13:45	94	late	female	Non-winter	1.00	Fall	0.982	Spring	SWP
4/22/2020 13:45	88	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:45	80	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/22/2020 13:45	82	late	female	Non-winter	1.00	Fall	0.990	Fall	SWP
4/22/2020 13:45	90	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:45	97	late	female	Non-winter	1.00	Fall	0.991	Spring	SWP
4/22/2020 13:45	95	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/22/2020 13:45	93	early	male	Non-winter	1.00	Fall	0.994	Spring	SWP
4/22/2020 13:45	92	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP

4/22/2020 13:45	95	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/22/2020 13:45	81	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/22/2020 13:45	114	late	female	Non-winter	1.00	Fall	0.968	Spring	SWP
4/22/2020 13:45	97	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/23/2020 9:00	97	late	male	Non-winter	1.00	Fall	0.978	Spring	SWP
4/23/2020 9:00	108	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/23/2020 9:00	110	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/23/2020 11:00	95	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/23/2020 11:00	99	late	female	Non-winter	1.00	Fall	0.919	Spring	SWP
4/23/2020 13:00	108	late	female	Non-winter	1.00	Fall	0.995	Spring	SWP
4/23/2020 13:00	103	late	male	Non-winter	1.00	Fall	0.989	Spring	SWP
4/23/2020 15:00	83	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/23/2020 15:00	87	late	female	Non-winter	1.00	Fall	0.959	Spring	SWP
4/23/2020 15:00	89	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/23/2020 15:00	84	late	male	Non-winter	1.00	Fall	0.997	Fall	SWP
4/23/2020 16:00	98	late	male	Non-winter	1.00	Fall	0.969	Spring	SWP
4/23/2020 16:00	86	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/23/2020 16:40	96	early	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/23/2020 16:40	95	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/23/2020 16:40	91	late	male	Non-winter	1.00	Fall	0.983	Spring	SWP
4/23/2020 16:40	104	early	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/23/2020 16:40	85	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/23/2020 16:40	92	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/23/2020 16:40	91	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/23/2020 16:40	84	early	male	Non-winter	1.00	Fall	0.938	Fall	SWP
4/23/2020 16:40	98	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/23/2020 16:40	108	late	female	Non-winter	1.00	Fall	0.992	Spring	SWP
4/23/2020 16:40	96	late	male	Non-winter	1.00	Fall	0.978	Spring	SWP
4/23/2020 16:40	100	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/23/2020 16:40	93	late	female	Non-winter	1.00	Fall	0.991	Spring	SWP
4/23/2020 16:40	102	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP

4/23/2020 16:40	83	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/23/2020 16:40	112	early	male	Non-winter	1.00	Fall	0.786	Spring	SWP
4/23/2020 16:40	88	late	male	Non-winter	1.00	Fall	0.996	Spring	SWP
4/23/2020 16:40	91	late	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/23/2020 16:40	96	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/24/2020 4:00	89	late	male	Non-winter	1.00	Fall	1.000	Spring	CVP
4/24/2020 4:00	95	early	female	Non-winter	1.00	Fall	0.969	Spring	CVP
4/24/2020 4:00	83	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/24/2020 4:00	86	late	female	Non-winter	1.00	Fall	0.992	Spring	CVP
4/24/2020 15:00	112	early	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/24/2020 16:00	87	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/24/2020 16:00	105	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/24/2020 16:00	108	early	male	Non-winter	1.00	Fall	0.991	Spring	SWP
4/24/2020 16:00	126	early	male	Winter	1.00	Winter	1.000	Spring	SWP
4/24/2020 16:00	109	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/24/2020 16:30	113	early	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/24/2020 16:30	86	late	male	Non-winter	1.00	Fall	0.993	Spring	SWP
4/24/2020 16:30	95	late	female	Non-winter	1.00	Fall	0.980	Spring	SWP
4/24/2020 16:30	108	late	male	Non-winter	1.00	Fall	0.990	Spring	SWP
4/24/2020 16:30	93	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/24/2020 16:30	95	early	male	Non-winter	1.00	Fall	0.990	Spring	SWP
4/24/2020 16:30	112	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/24/2020 16:30	88	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/24/2020 16:30	94	late	male	Non-winter	1.00	Fall	0.970	Spring	SWP
4/24/2020 16:30	92	late	female	Non-winter	1.00	Fall	0.948	Spring	SWP
4/24/2020 16:30	87	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/24/2020 16:30	95	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/24/2020 16:30	90	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/24/2020 16:30	79	late	male	Non-winter	1.00	Fall	0.995	Fall	SWP
4/24/2020 16:30	89	late	male	Non-winter	1.00	Fall	0.996	Spring	SWP
4/24/2020 16:30	98	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP

4/24/2020 16:30	85	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/24/2020 16:30	100	late	male	Non-winter	1.00	Fall	0.991	Spring	SWP
4/24/2020 16:30	86	late	male	Non-winter	1.00	Fall	0.988	Spring	SWP
4/24/2020 16:30	77	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/24/2020 16:30	85	late	male	Non-winter	1.00	Fall	0.979	Spring	SWP
4/25/2020 13:00	100	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/25/2020 13:00	89	early	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/25/2020 13:00	87	late	female	Non-winter	1.00	Fall	0.993	Spring	SWP
4/25/2020 13:00	90	late	female	Non-winter	1.00	Fall	0.922	Spring	SWP
4/25/2020 15:00	89	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/25/2020 15:30	117	early	female	Non-winter	1.00	Fall	0.925	Spring	SWP
4/25/2020 15:30	120	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/25/2020 15:30	94	late	male	Non-winter	1.00	Fall	0.848	Spring	SWP
4/25/2020 15:30	87	early	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/25/2020 15:30	89	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/25/2020 15:30	97	late	female	Non-winter	1.00	Fall	0.995	Spring	SWP
4/25/2020 15:30	92	late	male	Non-winter	1.00	Fall	0.931	Spring	SWP
4/25/2020 15:30	89	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/25/2020 15:30	93	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/25/2020 15:30	78	late	male	Non-winter	1.00	Fall	0.995	Fall	SWP
4/25/2020 22:00	92	early	male	Non-winter	1.00	Fall	1.000	Spring	CVP
4/26/2020 4:00	97	late	male	Non-winter	1.00	Fall	0.984	Spring	CVP
4/26/2020 4:00	92	late	female	Non-winter	1.00	Fall	0.996	Spring	CVP
4/26/2020 6:00	94	late	female	Non-winter	1.00	Fall	0.873	Spring	CVP
4/26/2020 6:00	92	late	female	Non-winter	1.00	Fall	0.999	Spring	CVP
4/26/2020 6:00	86	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/26/2020 6:00	84	late	male	Non-winter	1.00	Fall	0.953	Fall	CVP
4/26/2020 6:00	85	late	male	Non-winter	1.00	Fall	0.993	Fall	CVP
4/26/2020 12:00	92	late	female	Non-winter	1.00	Fall	1.000	Spring	CVP
4/26/2020 13:00	84	late	male	Non-winter	1.00	Fall	1.000	Fall	SWP
4/26/2020 13:00	92	late	male	Non-winter	1.00	Fall	0.981	Spring	SWP

4/26/2020 13:00	85	late	male	Non-winter	1.00	Fall	0.993	Fall	SWP
4/26/2020 15:00	86	late	female	Non-winter	1.00	Fall	0.984	Fall	SWP
4/26/2020 15:00	97	late	male	Non-winter	1.00	Fall	0.985	Spring	SWP
4/26/2020 16:00	83	late	female	Non-winter	1.00	Fall	0.995	Fall	SWP
4/26/2020 16:00	100	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/26/2020 16:00	90	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/26/2020 16:30	190	late	male	Non-winter	1.00	Fall	0.993	Winter	SWP
4/26/2020 16:30	92	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/26/2020 16:30	92	late	female	Non-winter	1.00	Fall	0.994	Spring	SWP
4/26/2020 16:30	89	late	female	Non-winter	1.00	Fall	0.980	Spring	SWP
4/26/2020 16:30	87	late	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/26/2020 16:30	95	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/26/2020 16:30	89	late	female	Non-winter	1.00	Fall	0.988	Spring	SWP
4/26/2020 16:30	100	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/26/2020 16:30	92	late	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/26/2020 16:30	100	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/26/2020 16:30	89	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/26/2020 16:30	89	early	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/26/2020 16:30	90	late	female	Non-winter	1.00	Fall	0.729	Spring	SWP
4/26/2020 16:30	96	late	male	Non-winter	1.00	Fall	0.931	Spring	SWP
4/26/2020 16:30	96	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/26/2020 16:30	95	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/26/2020 22:00	85	late	male	Non-winter	1.00	Fall	0.985	Fall	CVP
4/26/2020 22:00	86	late	male	Non-winter	1.00	Fall	0.994	Fall	CVP
4/27/2020 10:00	86	late	female	Non-winter	1.00	Fall	0.994	Fall	CVP
4/27/2020 11:00	78	late	female	Non-winter	1.00	Fall	0.997	Fall	SWP
4/27/2020 13:00	91	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/27/2020 13:00	99	late	female	Non-winter	1.00	Fall	0.962	Spring	SWP
4/27/2020 13:00	87	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/27/2020 16:00	79	late	male	Non-winter	1.00	Fall	0.954	Fall	SWP
4/27/2020 16:30	85	late	female	Non-winter	1.00	Fall	0.996	Fall	SWP

4/27/2020 16:30	82	early	male	Non-winter	1.00	Fall	0.997	Fall	SWP
4/27/2020 16:30	93	late	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/27/2020 16:30	90	early	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/27/2020 16:30	98	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/27/2020 16:30	98	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
4/27/2020 16:30	106	late	female	Non-winter	1.00	Fall	0.995	Spring	SWP
4/27/2020 16:30	94	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/27/2020 16:30	83	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/27/2020 16:30	82	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/27/2020 16:30	87	late	male	Non-winter	1.00	Fall	0.981	Spring	SWP
4/27/2020 16:30	87	late	female	Non-winter	1.00	Fall	0.935	Spring	SWP
4/27/2020 16:30	85	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/27/2020 16:30	96	late	female	Non-winter	1.00	Fall	0.970	Spring	SWP
4/27/2020 16:30	82	late	female	Non-winter	1.00	Fall	0.997	Fall	SWP
4/27/2020 16:30	93	late	male	Non-winter	1.00	Fall	0.986	Spring	SWP
4/27/2020 16:30	88	late	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/27/2020 16:30	81	late	male	Non-winter	1.00	Fall	0.976	Fall	SWP
4/27/2020 16:30	85	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/27/2020 16:30	89	late	male	Non-winter	1.00	Fall	0.998	Spring	SWP
4/27/2020 22:00	95	late	female	Non-winter	1.00	Fall	0.979	Spring	CVP
4/27/2020 23:59	92	late	male	Non-winter	1.00	Fall	0.999	Spring	CVP
4/28/2020 6:00	85	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
4/28/2020 6:00	81	late	female	Non-winter	1.00	Fall	0.987	Fall	CVP
4/28/2020 15:00	83	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/28/2020 15:00	90	late	female	Non-winter	1.00	Fall	0.998	Spring	SWP
4/28/2020 17:00	83	late	female	Non-winter	1.00	Fall	0.993	Fall	SWP
4/28/2020 18:30	87	late	female	Non-winter	1.00	Fall	0.996	Fall	SWP
4/28/2020 18:30	88	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP
4/28/2020 18:30	80	late	male	Non-winter	1.00	Fall	0.998	Fall	SWP
4/28/2020 18:30	93	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/28/2020 18:30	98	late	male	Non-winter	1.00	Fall	0.993	Spring	SWP

4/28/2020 18:30	79	late	female	Non-winter	1.00	Fall	0.980	Fall	SWP
4/28/2020 18:30	79	late	female	Non-winter	1.00	Fall	0.972	Fall	SWP
4/28/2020 18:30	85	late	female	Non-winter	1.00	Fall	1.000	Fall	SWP
4/28/2020 18:30	108	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/28/2020 18:30	87	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/28/2020 22:00	87	late	male	Non-winter	1.00	Fall	0.994	Fall	CVP
4/28/2020 22:00	87	late	male	Non-winter	1.00	Fall	0.994	Fall	CVP
4/28/2020 22:00	84	late	male	Non-winter	1.00	Fall	0.993	Fall	CVP
4/28/2020 23:59	90	late	male	Non-winter	1.00	Fall	0.989	Spring	CVP
4/28/2020 23:59	96	late	male	Non-winter	1.00	Fall	0.995	Spring	CVP
4/29/2020 2:00	85	late	female	Non-winter	1.00	Fall	0.999	Fall	CVP
4/29/2020 2:00	85	late	female	Non-winter	1.00	Fall	0.986	Fall	CVP
4/29/2020 2:00	93	late	female	Non-winter	1.00	Fall	0.999	Spring	CVP
4/29/2020 2:00	82	late	female	Non-winter	1.00	Fall	0.999	Fall	CVP
4/29/2020 4:00	79	late	female	Non-winter	1.00	Fall	0.999	Fall	CVP
4/29/2020 4:00	84	late	female	Non-winter	1.00	Fall	0.978	Fall	CVP
4/29/2020 4:00	90	late	female	Non-winter	1.00	Fall	0.987	Spring	CVP
4/29/2020 8:00	84	late	female	Non-winter	1.00	Fall	0.957	Fall	CVP
4/29/2020 8:00	86	late	male	Non-winter	1.00	Fall	0.999	Fall	CVP
4/29/2020 8:00	87	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
4/29/2020 17:00	105	early	female	Non-winter	1.00	Fall	0.971	Spring	SWP
4/29/2020 17:30	83	late	female	Non-winter	1.00	Fall	0.980	Fall	SWP
4/29/2020 17:30	84	late	male	Non-winter	1.00	Fall	0.978	Fall	SWP
4/29/2020 17:30	86	late	female	Non-winter	1.00	Fall	0.995	Fall	SWP
4/29/2020 17:30	87	late	female	Non-winter	1.00	Fall	0.998	Fall	SWP
4/29/2020 17:30	85	late	female	Non-winter	1.00	Fall	0.997	Fall	SWP
4/29/2020 17:30	82	late	female	Non-winter	1.00	Fall	0.994	Fall	SWP
4/29/2020 17:30	89	late	male	Non-winter	1.00	Fall	0.996	Spring	SWP
4/29/2020 17:30	92	late	male	Non-winter	1.00	Fall	0.996	Spring	SWP
4/29/2020 17:30	103	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/29/2020 17:30	81	late	male	Non-winter	1.00	Fall	1.000	Fall	SWP

4/29/2020 17:30	95	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/29/2020 17:30	84	late	male	Non-winter	1.00	Fall	0.973	Fall	SWP
4/29/2020 17:30	96	late	female	Non-winter	1.00	Fall	0.994	Spring	SWP
4/29/2020 17:30	100	late	male	Non-winter	1.00	Fall	1.000	Spring	SWP
4/29/2020 17:30	94	late	female	Non-winter	1.00	Fall	0.990	Spring	SWP
4/29/2020 17:30	83	late	female	Non-winter	1.00	Fall	0.810	Fall	SWP
4/29/2020 17:30	86	late	male	Non-winter	1.00	Fall	0.981	Fall	SWP
4/29/2020 17:30	91	late	female	Non-winter	1.00	Fall	0.997	Spring	SWP
4/29/2020 17:30	93	late	female	Non-winter	1.00	Fall	0.996	Spring	SWP
4/29/2020 17:30	91	late	female	Non-winter	1.00	Fall	1.000	Spring	SWP
4/29/2020 17:30	89	late	male	Non-winter	1.00	Fall	0.992	Spring	SWP
4/29/2020 17:30	83	late	male	Non-winter	1.00	Fall	0.982	Fall	SWP
4/29/2020 17:30	87	late	male	Non-winter	1.00	Fall	0.998	Fall	SWP
4/29/2020 20:00	86	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
4/29/2020 20:00	84	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/29/2020 22:00	92	late	male	Non-winter	1.00	Fall	0.998	Spring	CVP
4/29/2020 22:00	88	late	female	Non-winter	1.00	Fall	0.997	Spring	CVP
4/29/2020 22:00	86	late	female	Non-winter	1.00	Fall	0.995	Fall	CVP
4/29/2020 22:00	86	late	male	Non-winter	1.00	Fall	0.949	Fall	CVP
4/29/2020 22:00	91	late	male	Non-winter	1.00	Fall	0.992	Spring	CVP
4/29/2020 22:00	95	late	male	Non-winter	1.00	Fall	0.983	Spring	CVP
4/29/2020 22:00	96	late	female	Non-winter	1.00	Fall	0.991	Spring	CVP
4/29/2020 22:00	85	late	male	Non-winter	1.00	Fall	0.996	Fall	CVP
4/29/2020 22:00	79	late	female	Non-winter	1.00	Fall	0.999	Fall	CVP
4/29/2020 22:00	91	early	male	Non-winter	1.00	Fall	0.997	Spring	CVP
4/29/2020 22:00	82	late	male	Non-winter	1.00	Fall	0.996	Fall	CVP
4/29/2020 22:00	83	late	female	Non-winter	1.00	Fall	0.982	Fall	CVP
4/29/2020 22:00	86	late	male	Non-winter	1.00	Fall	0.987	Fall	CVP
4/29/2020 22:00	90	late	female	Non-winter	1.00	Fall	0.975	Spring	CVP
4/29/2020 22:00	81	late	female	Non-winter	1.00	Fall	0.996	Fall	CVP
4/29/2020 22:00	87	late	female	Non-winter	1.00	Fall	0.980	Fall	CVP

4/29/2020 22:00	76	late	female	Non-winter	1.00	Fall	0.994	Fall	CVP
4/29/2020 22:00	86	late	female	Non-winter	1.00	Fall	1.000	Fall	CVP
4/29/2020 22:00	83	late	male	Non-winter	1.00	Fall	0.986	Fall	CVP
4/29/2020 22:00	90	late	female	Non-winter	1.00	Fall	0.996	Spring	CVP
4/29/2020 22:00	86	late	female	Non-winter	1.00	Fall	0.911	Fall	CVP
4/29/2020 22:00	85	late	male	Non-winter	1.00	Fall	0.958	Fall	CVP
4/29/2020 22:00	86	late	female	Non-winter	1.00	Fall	0.994	Fall	CVP
4/29/2020 22:00	85	late	female	Non-winter	1.00	Fall	0.962	Fall	CVP
4/29/2020 22:00	91	late	male	Non-winter	1.00	Fall	0.993	Spring	CVP
4/29/2020 22:00	82	late	female	Non-winter	1.00	Fall	0.877	Fall	CVP
4/29/2020 22:00	86	late	female	Non-winter	1.00	Fall	0.912	Fall	CVP
4/29/2020 22:00	78	late	male	Non-winter	1.00	Fall	0.998	Fall	CVP
4/29/2020 22:00	86	late	male	Non-winter	1.00	Fall	0.979	Fall	CVP
4/29/2020 22:00	87	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
4/29/2020 22:00	92	late	male	Non-winter	1.00	Fall	0.999	Spring	CVP
4/29/2020 22:00	84	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
4/29/2020 22:00	83	late	male	Non-winter	1.00	Fall	0.996	Fall	CVP
4/29/2020 23:59	86	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/29/2020 23:59	82	late	female	Non-winter	1.00	Fall	0.999	Fall	CVP
4/29/2020 23:59	94	late	female	Non-winter	1.00	Fall	0.988	Spring	CVP
4/29/2020 23:59	97	late	male	Non-winter	1.00	Fall	0.983	Spring	CVP
4/29/2020 23:59	96	late	male	Non-winter	1.00	Fall	0.993	Spring	CVP
4/29/2020 23:59	89	late	female	Non-winter	1.00	Fall	0.993	Spring	CVP
4/29/2020 23:59	92	late	female	Non-winter	1.00	Fall	0.999	Spring	CVP
4/30/2020 2:00	91	late	female	Non-winter	1.00	Fall	1.000	Spring	CVP
4/30/2020 2:00	87	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
4/30/2020 4:30	97	late	female	Non-winter	1.00	Fall	0.990	Spring	SWP
4/30/2020 4:30	86	late	male	Non-winter	1.00	Fall	0.988	Fall	SWP
4/30/2020 4:30	98	late	female	Non-winter	1.00	Fall	0.999	Spring	SWP
4/30/2020 4:30	101	late	male	Non-winter	1.00	Fall	0.983	Spring	SWP
4/30/2020 4:30	97	late	male	Non-winter	1.00	Fall	0.997	Spring	SWP

4/30/2020 4:30	96	late	female	Non-winter	1.00	Fall	0.988	Spring	SWP
4/30/2020 4:30	87	late	female	Non-winter	1.00	Fall	0.996	Fall	SWP
4/30/2020 4:30	86	late	female	Non-winter	1.00	Fall	0.999	Fall	SWP
4/30/2020 4:30	82	late	male	Non-winter	1.00	Fall	0.999	Fall	SWP
4/30/2020 4:30	89	late	male	Non-winter	1.00	Fall	0.972	Spring	SWP
4/30/2020 4:30	102	late	female	Non-winter	1.00	Fall	0.988	Spring	SWP
4/30/2020 4:30	92	late	female	Non-winter	1.00	Fall	0.987	Spring	SWP
4/30/2020 4:30	233	late	male	Non-winter	1.00	Fall	1.000	Winter	SWP
4/30/2020 4:30	208	late	female	Non-winter	1.00	Fall	0.996	Winter	SWP
4/30/2020 10:00	87	late	male	Non-winter	1.00	Fall	0.970	Fall	CVP
4/30/2020 10:00	82	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/30/2020 10:00	81	late	female	Non-winter	1.00	Fall	0.996	Fall	CVP
4/30/2020 16:00	77	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
4/30/2020 16:00	94	late	male	Non-winter	1.00	Fall	0.978	Spring	CVP
4/30/2020 16:00	85	late	female	Non-winter	1.00	Fall	1.000	Fall	CVP
4/30/2020 16:00	86	late	male	Non-winter	1.00	Fall	0.996	Fall	CVP
4/30/2020 16:00	75	late	female	Non-winter	1.00	Fall	0.996	Fall	CVP
4/30/2020 16:00	93	late	female	Non-winter	1.00	Fall	0.993	Spring	CVP
4/30/2020 16:00	93	late	male	Non-winter	1.00	Fall	0.799	Spring	CVP
4/30/2020 20:00	90	late	male	Non-winter	1.00	Fall	0.993	Spring	CVP
4/30/2020 20:00	91	late	male	Non-winter	1.00	Fall	0.987	Spring	CVP
4/30/2020 22:00	82	late	female	Non-winter	1.00	Fall	0.999	Fall	CVP
4/30/2020 22:00	86	late	female	Non-winter	1.00	Fall	0.983	Fall	CVP
4/30/2020 22:00	89	late	male	Non-winter	1.00	Fall	0.999	Spring	CVP
4/30/2020 22:00	83	late	female	Non-winter	1.00	Fall	0.984	Fall	CVP
4/30/2020 22:00	93	late	male	Non-winter	1.00	Fall	0.997	Spring	CVP
4/30/2020 23:59	99	late	male	Non-winter	1.00	Fall	0.995	Spring	CVP
4/30/2020 23:59	91	late	male	Non-winter	1.00	Fall	0.929	Spring	CVP
4/30/2020 23:59	89	late	female	Non-winter	1.00	Fall	0.992	Spring	CVP
4/30/2020 23:59	90	late	male	Non-winter	1.00	Fall	0.992	Spring	CVP
4/30/2020 23:59	78	late	female	Non-winter	1.00	Fall	1.000	Fall	CVP

4/30/2020 23:59	87	late	female	Non-winter	1.00	Fall	0.993	Fall	CVP
4/30/2020 23:59	84	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
4/30/2020 23:59	85	late	male	Non-winter	1.00	Fall	0.998	Fall	CVP
4/30/2020 23:59	87	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
5/1/2020 2:00	85	late	male	Non-winter	1.00	Fall	0.999	Fall	CVP
5/1/2020 2:00	87	late	male	Non-winter	1.00	Fall	0.985	Fall	CVP
5/1/2020 2:00	93	late	male	Non-winter	1.00	Fall	0.992	Spring	CVP
5/1/2020 2:00	87	late	female	Non-winter	1.00	Fall	0.997	Fall	CVP
5/1/2020 2:00	83	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
5/1/2020 2:00	84	late	male	Non-winter	1.00	Fall	0.996	Fall	CVP
5/1/2020 2:00	88	late	male	Non-winter	1.00	Fall	0.983	Fall	CVP
5/1/2020 2:00	81	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
5/1/2020 4:00	92	late	female	Non-winter	1.00	Fall	0.999	Spring	CVP
5/1/2020 4:00	84	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
5/1/2020 4:00	83	late	male	Non-winter	1.00	Fall	0.970	Fall	CVP
5/1/2020 8:00	90	late	female	Non-winter	1.00	Fall	0.995	Spring	CVP
5/1/2020 8:00	90	late	female	Non-winter	1.00	Fall	0.997	Spring	CVP
5/1/2020 10:00	94	late	female	Non-winter	1.00	Fall	0.930	Spring	CVP
5/1/2020 10:00	85	late	male	Non-winter	1.00	Fall	1.000	Fall	CVP
5/1/2020 10:00	85	late	female	Non-winter	1.00	Fall	1.000	Fall	CVP
5/1/2020 10:00	105	late	male	Non-winter	1.00	Fall	0.998	Spring	CVP
5/1/2020 10:00	87	late	female	Non-winter	1.00	Fall	0.997	Fall	CVP
5/1/2020 10:00	90	late	male	Non-winter	1.00	Fall	0.990	Spring	CVP
5/1/2020 11:00	84	late	female	Non-winter	1.00	Fall	0.998	Fall	SWP
5/1/2020 13:00	93	late	male	Non-winter	1.00	Fall	0.992	Spring	SWP
5/1/2020 16:40	97	late	female	Non-winter	1.00	Fall	0.994	Spring	SWP
5/1/2020 16:40	97	late	male	Non-winter	1.00	Fall	0.999	Spring	SWP
5/1/2020 16:40	88	late	female	Non-winter	1.00	Fall	0.991	Fall	SWP
5/1/2020 16:40	87	late	male	Non-winter	1.00	Fall	0.999	Fall	SWP
5/1/2020 16:40	85	late	male	Non-winter	1.00	Fall	0.997	Fall	SWP
5/1/2020 16:40	88	late	male	Non-winter	1.00	Fall	0.992	Fall	SWP

5/1/2020 16:40	87	late	female	Non-winter	1.00	Fall	0.997	Fall	SWP
5/1/2020 16:40	88	late	female	Non-winter	1.00	Fall	0.988	Fall	SWP
5/1/2020 16:40	86	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/1/2020 16:40	87	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/1/2020 16:40	98	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/1/2020 16:40	92	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/1/2020 16:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/1/2020 22:00	92	late	female	Non-winter	1.00	Fall	0.999	Spring	CVP
5/1/2020 22:00	86	late	female	Non-winter	1.00	Fall	0.995	Fall	CVP
5/1/2020 23:59	90	late	female	Non-winter	1.00	Fall	0.999	Spring	CVP
5/2/2020 2:00	89	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
5/2/2020 4:00	84	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
5/2/2020 12:40	110	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	95	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	91	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	92	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	89	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	102	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	84	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	86	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	88	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	88	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	87	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	85	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/2/2020 12:40	79	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 12:40	97	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP

5/2/2020 12:40	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/2/2020 22:00	75	late	female	Non-winter	1.00	Fall	0.997	Fall	CVP
5/2/2020 23:59	88	late	female	Non-winter	1.00	Fall	0.974	Fall	CVP
5/3/2020 2:00	88	late	male	Non-winter	1.00	Fall	0.986	Fall	CVP
5/3/2020 2:00	93	late	female	Non-winter	1.00	Fall	0.997	Spring	CVP
5/3/2020 4:00	87	late	female	Non-winter	1.00	Fall	0.994	Fall	CVP
5/3/2020 9:00	89	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/3/2020 12:30	102	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/3/2020 12:30	91	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/3/2020 12:30	102	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/3/2020 12:30	89	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/3/2020 12:30	91	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/3/2020 12:30	96	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/3/2020 12:30	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/3/2020 12:30	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/4/2020 8:00	75	late	female	Non-winter	1.00	Fall	0.985	Fall	CVP
5/4/2020 14:20	101	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/4/2020 14:30	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/4/2020 14:30	83	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/4/2020 14:30	93	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 2:00	89	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
5/5/2020 2:00	86	late	female	Non-winter	1.00	Fall	0.998	Fall	CVP
5/5/2020 2:00	88	late	male	Non-winter	1.00	Fall	0.999	Fall	CVP
5/5/2020 4:00	90	late	male	Non-winter	1.00	Fall	0.987	Fall	CVP
5/5/2020 4:00	89	late	male	Non-winter	1.00	Fall	0.998	Fall	CVP
5/5/2020 4:00	96	late	male	Non-winter	1.00	Fall	0.989	Spring	CVP
5/5/2020 6:00	83	late	male	Non-winter	1.00	Fall	0.997	Fall	CVP
5/5/2020 8:00	84	late	male	Non-winter	1.00	Fall	0.998	Fall	CVP
5/5/2020 9:00	88	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 9:00	90	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 9:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP

5/5/2020 10:00	89	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 12:00	90	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 13:00	104	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 14:00	84	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 15:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 15:00	81	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 15:00	86	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 16:00	82	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 16:00	85	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 16:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 16:00	84	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/5/2020 16:40	109	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 16:40	98	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 16:40	91	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 16:40	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 17:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 17:00	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:00	87	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:00	77	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:00	90	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:00	88	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	99	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	108	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	101	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	96	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	95	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	102	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	97	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	105	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP

5/5/2020 18:40	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	90	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:40	99	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	91	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/5/2020 18:40	103	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	99	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	92	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 18:40	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/5/2020 23:59	89	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 2:00	100	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
5/6/2020 2:00	88	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 2:00	94	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
5/6/2020 2:00	95	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
5/6/2020 2:00	84	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 2:00	90	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 2:00	81	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 2:00	81	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 4:00	92	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
5/6/2020 5:00	91	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 5:00	84	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 5:00	91	early	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 5:00	89	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 5:00	93	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/6/2020 7:00	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 8:00	82	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/6/2020 9:00	91	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	198	late	female	Non-winter	1.000	Hatchery Fall	1.000	Winter	SWP
5/6/2020 15:40	90	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	93	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP

5/6/2020 15:40	84	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	93	early	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/6/2020 15:40	90	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	92	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/6/2020 15:40	90	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	89	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	94	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/6/2020 15:40	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	90	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	92	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/6/2020 15:40	88	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	88	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/6/2020 15:40	102	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/6/2020 20:00	89	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/7/2020 2:00	92	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/7/2020 3:00	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/7/2020 6:30	92	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/7/2020 6:30	84	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/7/2020 6:30	86	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/7/2020 6:30	95	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/7/2020 22:00	94	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
5/8/2020 13:40	92	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/8/2020 13:40	83	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/8/2020 13:40	92	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/8/2020 13:40	85	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/8/2020 13:40	86	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/8/2020 13:40	93	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/8/2020 14:00	87	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 6:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 6:00	100	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP

5/9/2020 13:30	86	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/9/2020 13:30	94	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/9/2020 20:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 20:00	96	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
5/9/2020 20:00	85	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 20:00	82	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 22:00	93	early	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 22:00	87	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/9/2020 22:00	89	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/10/2020 6:00	87	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/10/2020 6:00	90	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/10/2020 8:00	92	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/10/2020 12:00	95	late	female	Non-winter	1.000	Fall	1.000	Spring	CVP
5/10/2020 14:00	92	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/10/2020 14:00	79	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/10/2020 14:40	98	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/10/2020 14:40	99	late	male	Non-winter	1.000	Fall	1.000	Spring	SWP
5/10/2020 14:40	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/10/2020 14:40	97	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/11/2020 16:30	101	early	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/12/2020 15:30	85	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/12/2020 15:30	98	late	female	Non-winter	1.000	Fall	1.000	Spring	SWP
5/12/2020 15:30	89	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/12/2020 15:30	88	late	male	Non-winter	1.000	Fall	1.000	Fall	SWP
5/12/2020 15:30	91	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/13/2020 15:20	93	late	female	Non-winter	1.000	Fall	1.000	Fall	SWP
5/14/2020 10:00	92	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/17/2020 8:00	90	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/17/2020 12:00	95	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/17/2020 22:00	88	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/19/2020 16:00	75	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP

5/20/2020 2:00	87	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/20/2020 2:00	90	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/20/2020 16:00	86	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/20/2020 23:59	87	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 2:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 2:00	83	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 2:00	80	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 2:00	82	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 4:00	90	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 4:00	86	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 4:00	87	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/21/2020 8:00	87	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/22/2020 16:00	80	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/22/2020 22:00	87	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/23/2020 4:00	85	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/23/2020 4:00	82	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/23/2020 10:00	92	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/23/2020 16:00	85	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/23/2020 16:00	88	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/24/2020 10:00	83	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
5/25/2020 8:00	90	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
5/26/2020 22:00	117	late	male	Non-winter	1.000	Fall	1.000	Spring	CVP
5/31/2020 10:00	77	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/2/2020 8:00	93	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/4/2020 2:00	87	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/5/2020 2:00	74	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/5/2020 23:59	84	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
6/7/2020 4:00	91	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/7/2020 4:00	93	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/7/2020 4:00	97	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP
6/7/2020 18:00	84	late	male	Non-winter	1.000	Fall	1.000	Fall	CVP

6/9/2020 4:00	92	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP
6/9/2020 4:00	86	late	female	Non-winter	1.000	Fall	1.000	Fall	CVP