

**2011 Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative
Project Final Product¹**

AYK: Rapids Student Data Collection 2008-2010

by:

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July 2011

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I. ABSTRACT:

Presently there is a lack of consistent, random, and full season sex, length, weight, girth and *Ichthyophonus* disease information on Yukon River Chinook salmon bound for the Upper River and Canada. These types of data are essential for the effective management of the many salmon species that migrate upstream each year.

Student technicians have been trained to collect fisheries data since 2001 in the Rampart Rapids area located at river mile 731, approximately 40 miles upstream of the village of Tanana, Alaska. This project gives students an opportunity to participate in data collection for numerous biological studies and to develop their interest in future fisheries work.

The collected data are comprised of Chinook salmon sex, length, weight and girth during the Chinook salmon season and visual inspection of changing flesh color and fat content in chum salmon. Species are inspected for disease conditions with a special emphasis on *Ichthyophonus* disease prevalence in Chinook salmon. The data from these studies provide valuable information for the management of Chinook and chum salmon and migratory whitefish. This information has been identified as a priority at many Federal Regional Advisory Council, State Advisory Council, and Yukon River Drainage Fisheries Association meetings.

Each year the project also takes on a number of requests for data collection or assistance by other researchers and agencies wanting help on their projects.

Key Words: Chinook, chum, data, *Ichthyophonus*, Rapids, salmon, students, Yukon,

Citation: Zuray, S., 2011. AYK: Rapids Student Data Collection 2008-2010

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III. INTRODUCTION:

The project data collection areas were chosen to address a lack of information in the middle Yukon River identified by the various management agencies. Data from this project have been used by the United States Fish and Wildlife Service (USFWS) projects (Underwood, 1999) and by the Canadian Department of Fisheries and Oceans (CDFO) to determine run-timing of the various salmon species.

This data collection is also of expressed importance to fishermen and addresses concerns voiced at Federal Regional Advisory Council meetings, annual and special Yukon River Drainage Fisheries Association (YRDFA) meetings over the last 7 years, the fall 2004 YRDFA sponsored Ichthyophonus meeting, numerous State Advisory Council meetings and every Board of Fish meeting since 2001.

All the Chinook salmon data are a high priority because of the recent questions of declining size and possible loss of the older age classes of Chinook salmon and the need to have continuing baseline studies in place to monitor future positive or negative changes in this fishery.

The Rapids Ichthyophonus data have been the only main stem, random and full season disease prevalence data taken in the last 3 years. Rapids sex, length, weight, and girth (SLWG) and Ichthyophonus data have been widely used and distributed in recent years and are available online at an independently run Rapids Research Center web site (RapidsResearch.com).

For chum salmon, Rapids fall chum salmon arrival data are the most accurate method at present for partitioning summer-run and fall-run chum salmon in this location, until genetic testing is refined. It presently is the way the Yukon River Panel funded video fishwheel assessment project determines the start date for counting fall chum (Zuray. 2010)

IV. OBJECTIVES:

Objective 1:

1. Collect full season sex, length, girth and weight, and Ichthyophonus disease prevalence data on Chinook salmon using local students who have training in these methods.

With oversight from the project manager, student technicians traveled to fish camps in the local area and sampled Chinook salmon. Only fish caught in the subsistence fishery or sold during commercial openings were utilized for data collection. Data collection started and happened at whatever time necessary to fit local fishers' subsistence schedules. Only complete catches were sampled and technicians followed other established fisheries collection procedures. Approximately 3000 Chinook were sampled. Data collected included sex, length, weight, and girth, and visible Ichthyophonus disease prevalence. Genetic fin clips and heart samples for post season laboratory workup were also taken. Older students who worked for the project had up to 7 to 10 years' experience and were responsible for training the younger ones in the field. The project used a number of training methods including visual eye tests for students who determine the visual presence of disease. Area fishermen often made efforts to help students get samples by coming to the main camp to coordinate sampling times or by putting up flags to signal sampling opportunities. Fishermen have expressed that the help the students provided in handling the fish actually made their job easier and they were more than happy to work with the students. This support was key to obtaining a large number of samples. No one fish camp could normally provide consistent sampling of the run throughout the season. Entry of raw paper data into excel worksheets by the students occurred whenever time allowed. Project manager Stan Zuray assisted with this task to provide this data in season in as timely a manner as possible.

Objective 2:

2. Collect data used to determine the arrival of the fall chum salmon run using local students who have training in these methods.

Each of the three years chum salmon were examined for color of flesh and a rating of red or pale given to each. This started before the fall chum run arrived and thereby documented the change of the summer to fall chum run with the object being to establish a more accurate fall chum arrival date each year than management currently can provide. During this project the use of standard color charts by the students and other consistent sampling practices helps to strengthen a traditional method of determining fall chum arrival that has been used probably long before contact. With the numerous camps in the area starting to put chum up for dog food any need for samples were easily taken care of. Early on during the summer chum run small numbers of samples per day were taken. This minimum sampling happened when the chum were few in numbers as they normally are prior to the start of the fall run. Later when the students are able to work with subsistence fisherman as they put up dog food the sample numbers were considerably larger. This chum sampling part of the overall project required minimal travel and effort and was accomplished as the students were breaking camp at the end of their season. While it is an important part of the projects overall work it does not consume near the technician resources of time or labor that the Chinook sampling does.

Objective 3:

3. Collect other data as needed or requested. Each year numerous requests are honored.

As has always been the case during past projects any assistance that the students could give to other projects, or needs requests by federal or state management for other data than that stated in these projects' objectives, was considered. Often these needs were not known far in advance. In each of the 3 years of the project, assistance was given to Federal and State agencies and numbers of research individuals. Approximately 4000 samplings took place beyond the scope of the main first two objectives. These included genetic fin clips, dissection, age, sex, and size data. Also included was general labor assistance to a number of independent research projects voluntarily run out of this project's camp.

Objective 4:

4. Provide in season updates via weekly Yukon River Drainage Fisheries Association teleconferences, a daily email list, and local project web sites

Preliminary data was made available in season all years through the methods stated in the objective with the most used and complete data being sent by email. While the project funding does not support any of these methods we have been successful in using these local websites and updates to disseminate our data. Independent researchers, fishermen, Federal and State agency personnel, all regularly obtain and go to these sites and/or request daily in season email updates for this projects data. Yukon River Drainage Fisheries Association teleconferences have been less successful and are not able to be used anymore due to time and content restrictions needed to keep them within their approximate 1 hour timeframe. Data is sent out in excel format allowing researchers and fishermen the easiest access to examining aspects of the salmon run.

V. METHODS:

Stan Zuray was project manager and oversaw student technician selection, training and the in season work of the data collection. His time was on a volunteer basis and project did operate with no administrative costs. The data collection project was conducted at the Rampart Rapids, the same location as the previous 2001-2007 projects (Peters Zuray, 2003).

Technicians were mostly drawn from a group of older or recently graduated Tanana High School students selected for leadership and data collection abilities. Some have USFWS project training. All have years of work in this specific area. Each day the students assembled and collected data from fish caught in the local subsistence fishery. Trips were made to multiple camps for enough samples. Data collection started at whatever time necessary to fit local fishers' subsistence schedules. Technicians were given an hourly pay for supplying their boat, motor, fuel, camp supplies, and their labor.

As in the past, area fishers and fish buyers helped students get samples by coming to the main camp to coordinate sampling times or by putting up signs at their camps to signal sampling opportunities. Fishermen have expressed that the help the students have provided in handling the fish actually made their job easier and they were more than happy to work with the students. This type of support was key to obtaining a large number of samples as no one fish camp could normally provide consistent sampling of the run throughout the season. Electronic data entry, from raw paper forms, using donated computers and equipment occurred whenever time allowed.

The 2008 to 2010 fisheries data collection project was conducted at the Rampart Rapids. Unlike in some previous years when more than 30 students were given opportunities to work and budget was larger the project required mostly older experienced students, an independent work ethic, personal equipment, and startup funds from the individual student technicians. In the past and again during these 3 years project manager Stan Zuray helped students with this last need when necessary.

Technicians were drawn mostly from a group of older Tanana High School students who excelled in data collection efforts and were good at teaching younger students. Some have received USFWS training and worked for the USFWS Fall Chum Tagging Project run out of the Rampart Rapids area. Older students collecting data in 2008 – 2010 have had considerable collection experience. A minimum of two will work at any one time for safety as well as necessity. Occasionally at times, such as commercial openings when time is an important factor, 3 to 4 will be employed.

Each day the students assembled and collected data from fish caught by subsistence fishers. Trips were made to a number of camps for enough samples especially during periods of low run strength. Data collection started at whatever time necessary to fit local fishers' subsistence schedules and often extended into the evening to get samples from other fish camps. This depended on the amount of subsistence fish activity occurring at a camp. If a large extended family and many friends were using one camp during prime Chinook salmon season, many samples are available. Samples are difficult to obtain during bad weather and if it is very early or late in the season. Only fish caught in the subsistence fishery or sold during commercial openings are utilized for data collection. Most importantly, no WSLG samples are allowed from catches if some fish were missing from a day's catch as in some were given away or already processed (not random). Also no WSLG samples are ever taken from a lot of fish being sold if the fisher has withheld any of his catch for reasons of small size or subsistence cutting unless those fish can also be sampled.

Area fishers and fish buyers often made great efforts to help students get samples by coming to the main camp to coordinate sampling times or by putting up flags to signal sampling opportunities. Fishermen have

expressed that the help the students provided in handling the fish actually made their job easier and they were more than happy to work with the students. This support was key to obtaining a large number of samples. No one fish camp could normally provide consistent sampling of the run throughout the season. Entry of raw paper data into excel worksheets by the students occurred whenever time allowed. However often with only two students working at a time, days were filled with just getting samples and raw data. Project manager Stan Zuray assisted with this task to provide this data in season in as timely a manner as possible.

Chinook Salmon Sampling

Targeted Chinook salmon sample size is 1000 SLWG taken and 500 dissected for *Ichthyophonus* disease rates. Fall chum arrival study looks at about 500 chums fully dissected. Amount of scale samples for aging and any genetic samples are determined in spring prior to project start by the requesting agency or researcher.

Length, weight, girth and sex data are collected during the entire run each year consistent with established ADF&G sample collection protocols. Some early season sample sizes are smaller due to the run strength and some late season sample sizes are smaller due to low subsistence fishing effort that results each year from a higher prevalence of *Ichthyophonus* disease in late season fish. Fish are taken from a variety of subsistence fishermen in the Rapids area. Sampling only take place from well-known Chinook salmon fish wheel sites. These are established sites traditionally known for their ability to catch Chinook salmon and wheels designed to hold the larger sized fish.

No sampling for sex, weight, length, or girth occurs when students arrive at a camp if fish are missing from a day's catch (i.e. fish were given away or already processed). This is the first question students ask when arriving at a camp to sample, and often students were unable to sample because fishers had already started processing fish. Chinook salmon are measured from mid eye to fork in tail and weighed. The sex of each fish is determined either by full dissection or by inserting a finger into a slit in the belly to feel for eggs or sperm sac. The second method is necessary because many of the Chinook salmon are not advanced enough in spawning characteristics to visually determine sex accurately, yet it is necessary to keep the fish whole for freezing or transporting out of the area by subsistence fishers. Informal testing and conversations with fishers suggest that visual inspection of sex is not accurate, especially early in the run. Based on our data, 1 out of every 5 large Chinook salmon cannot be sexed accurately by external characteristics, even by long-time fishers. Chum salmon, however, can be accurately sexed visually.

Chinook Salmon *Ichthyophonus* Sampling

Fish are taken from several subsistence fishers in the Rapids area and fish harvested with both nets and fish wheel are sampled. The heart is visually inspected twice after being washed in water each time (note: while liver, spleen and flesh are often looked at and prior to 2006 notes taken on these, because of time constraints on keeping up with subsistence fishers cutting, this has been dropped from the program). A Chinook positive for *Ichthyophonus* disease has always been and was again defined as having 3 or more cysts visible in the heart. Number of visible spots up to 10 are accurately counted and to 100 accurately estimated and after that students are instructed to roughly estimate a number which can be in the thousands. Visible spores under 3 are noted in data but do not constitute a positive. These guidelines were developed from the students work with Dr. Richard Kocan in the projects earlier years (Kocan, 2002).

Each day all hearts from Chinook salmon sampled at other camps were brought back to the project manager with data reporting the number positive for *Ichthyophonus* infection. This number would then be checked against the number of positive samples after the project manager rechecked the hearts. Rechecking samples in

this manner has in the past years resulted in blocks of data being discarded. It should be noted however that in 2007 a USFWS biologist and myself did discover that visible spores on heart samples that had deteriorated to a relatively small degree become very hard to almost impossible to see. Since this discovery we have taken extra care to keep heart samples cold during sampling periods to eliminate loss of precious data collection. Technicians are now sent out with ice and coolers each morning.

Chum Salmon Data Collection

The chum salmon study starts up in mid-July each year as this date insured some of the sampling took place before the fall run arrived on years the fall chum came early. Chum salmon were examined for color of flesh and a rating of red or pale given to each. All this started before the fall chum run had established itself and it documented the change of the summer to fall chum run with the object being to establish a more accurate fall chum arrival date each year than management currently can provide. While other factors enter into this traditional determination such as condition of the fishes' exterior color, tooth and jaw development and overall body robustness the most important and final is the flesh color and its corresponding fat content. During this project the use of standard color charts by the students and other consistent sampling practices helps to strengthen a traditional method of determining fall chum arrival that has been used probably long before contact. With the numerous camps in the area starting to put chum up for dog food any need for samples are able to be taken care of. Early on during the summer chum run small numbers of samples per day are taken. This minimum happens when the chum are few in numbers as they can be prior to the start of the fall run. At times when the students were able to work with subsistence fisherman as they put up dog food the sample numbers was considerably larger. This chum sampling part of the overall project required minimal labor and effort and is accomplished as the students are breaking camp and finishing up on the last of the small numbers of Chinook migrating through the area.

Study Location: Yukon River. Site of Sampling: Rampart Rapids, 40 miles upriver of Tanana.

VI. RESULTS:

Student technicians have completed 3 years of successfully collecting fisheries data in the Rampart Rapids area, located at Yukon River mile 731 in Alaska. The collected data are comprised of Chinook salmon sex, length, weight, and girth information, and visible Ichthyophonus disease prevalence during the entire Chinook salmon season. Chum salmon were also visually inspected for flesh color and related fat content and an accurate fall chum arrival date determined aiding fishermen and fall chum run assessment projects in the area. Local students had an opportunity to participate in and learn meaningful data collection techniques with older ones teaching the younger. Over 3000 Chinook were sampled during the project providing a wealth of size and disease information. Fall chum arrival dates were determined for each of the 3 project years.

Voluntary salmon and whitefish samplings for a number of agencies and researchers were also accomplished each year. This amounted to important genetic, size and lifecycle information on thousands of fish in addition to that covered directly in the project objectives. Data collected for these researchers are turned over to them and results of this research are held by them.

AK SSF research suggestions at the start of project, to get laboratory confirmation of project Ichthyophonus disease positives, led to a number of studies in the 3 years and partnerships with many of the top researchers

in this field. A paper which includes these specific results has been written and is in the process of peer review. Paper will be made available to AYK SSI whenever published (or rejected).

Statistical analysis of collected data is not part of the projects objectives however a number of researchers and agencies look at the data in numbers of ways for their own purposes. More on this can be found in the discussion section and appendices. This project is simply in the important business of providing a long term quality data set. All the project years 2008 to 2010 Chinook SLWG and Ichthyophonus disease data can be found in appendices.

VII. DISCUSSION:

This 2008 to 2010 project is the continuation of an effort started in 2001 to address problems with the fishery that were directly important to fishermen actively engaged in that occupation. Areas of concern were chosen because of expressed concerns by fishermen at numerous meetings, year after year, that these particular issues were being neglected or studied improperly. Broadly these areas are the reported dramatic decline in average weight or size of Chinook due to the loss of the larger fish in approximately the last 20 years, the extent of visible Ichthyophonus disease in Chinook and its reported tendency by fishermen to be found more concentrated in the larger and female fish and finally the need to have a better way of determining the arrival of fall chum salmon, especially in the upper river, so more accurate counting can take place.

This continuing multi-focused project has been undertaken with the priority objective being to influence and enhance management decision-making using information learned from data obtained and using sound collection practices. Project proponents felt that once that collection effort had resulted in a usable database with enough years behind it that the data could then be used by fishermen and researchers to help get to the heart of the problems.

The objectives of this project did not include analysis and graphing, etc. of the information. Effort was instead put out to record it and release it in a format understandable to the widest audience possible with special pains taken to keep the forms specifically easy for fishermen to understand and the format (excel) one that common people have available to them and can use to run the data for themselves. The project manager spends much time going over electronic data sheets each year with interested fishermen to arrive at what is currently used. The data was released in season often days after taking (marked preliminary) or as soon as possible, to allow it to have as much impact as possible. A number of methods of in season data release have been tried and are being used currently, including putting it on 2 separate independent websites and email correspondence with a number of researchers. By far the most successful and one that is in current use is having it sent out on a fisheries update run by Rapids Research Center called Rapids Update. This goes out daily and is sent to over 250 persons (see appendices, Table 3 for breakdown)

Another reason for the lack of analysis directed by the objectives is that much of the subject matter under study was highly controversial at the start of the project and it was recognized that to do an acceptable scientific analysis of the collected data would require funding well beyond the budget of the project. On the other hand much results and analysis of this data has been highly visible and reported on at numerous meetings over the past decade by independent researchers. This was the intended and initial purpose of this project that the data be useful to proper management of the fishery by being used by researchers and fishermen in dealing with the issues at hand.

While it may not be proper to include analysis, graphs or papers by independent researchers or fishermen who have used this collection of data, in the main part of this report I have included some of that in Appendix 2 and the paper at the end of this report. Here you will see examples of how it was used to show

how small the Chinook have gotten and the poor quality of the escapement being sent to Canada, and high prevalence of Ichthyophonus disease in its earlier years. Also there is a table (Appendix 2, table 2) showing the effects of managing the fishery to allow for better quality escapement. Again this project cannot speak to the scientific validity or statistical confidence of any of these, they are simply being presented as appendices that illustrates and supports the conclusion that the data has been found, and continues to be, useful to numbers of researchers and fishermen.

VIII. REFERENCES:

Daum, D. W. 2005. Monitoring fish wheel catch using event-triggered video technology. *North American Journal of Fisheries Management* 25:322-328.

Kocan, R., P. Hershberger and J. Winton. 2002. Effects of Ichthyophonus on Survival and Reproductive Success of Yukon River Chinook Salmon. USFWS Office of Subsistence Management, Fisheries Resource Monitoring Program, Annual Report on Project 01-200, Anchorage, Alaska.

Peters Zuray, K. 2003. Tanana Conservation Outreach, 2003, Federal Subsistence Fishery Monitoring Program Final Project Report FIS 01- 199, U.S. Fish and Wildlife Service, Office of Subsistence Management, Fishery Information Services Division, Anchorage, Alaska.

Underwood, T. J., S. P. Klosiewski, J. A. Gordon, J. L. Melegari, and R. J. Brown. 1999. Estimated abundance of adult fall Chum salmon in the upper Yukon River, Alaska, 1997. U. S. Fish and Wildlife Service, Fairbanks Fishery Resource Office, Alaska Fisheries Technical Report Number 51, Fairbanks, Alaska.

Zuray, S. 2010. Rampart Rapids Full Season Video Monitoring, 2010 - Using a Fish Wheel on the Yukon River, Alaska. Annual report to the Yukon River Panel, Anchorage, Alaska

IX. DELIVERABLES:

Presently this project has two successful methods of getting our collected data out. First there are numbers of daily in season email update efforts sent out to large audiences by agency and independent organizations and we get our raw data put on some of those. One of these is able to send out all the projects data to about 150 persons each day. This listing includes fishermen, biologists, researchers and almost all major Yukon River salmon managers. An example of one of these updates can be found on the web at: http://rapidsresearch.com/RAPIDS_SHORT_2010_Worksheet_for_email.xls

The second method is websites and the project has been able to get partial data on 2 sites and the complete database on another. This availability is expected to continue even after the project ends.

Archived data for this project will consist of: 1. Data worksheets on Chinook sex, length, weight, girth and disease condition (Ichthyophonus) for the complete 3 seasons. 2. Fall chum arrival data worksheets and graphs related to visible fat content (flesh color).

Custodian(s) - Reports and student work data are maintained by Stan Zuray

Availability – All the above is available upon request with most of it published on the RapidsResearch.com web site. Data is available as it is electronically recorded in season with the late season sampling available usually no later than November 1st of that year. An example of this years (2010) data availability can be found on the web at: http://www.zuray.com/KingData10_Final.xls

Presently myself and a number of fish disease researchers are working on getting results from 7 years of Ichthyophonus disease sampling published in a journal. This project's 3 years of data is included in the papers findings. It has been submitted for publishing, put out for and received back peer reviews, and hopefully will be accepted for publication soon. Whether it does or not the paper will be available upon final word to AYK SSI.

X. PROJECT DATA:

Custodian(s) - Reports and student work data are maintained by Stan Zuray

Availability – All the above is available upon request with most of it published on the RapidsResearch.com web site. Data is available as it is electronically recorded in season with the late season sampling available usually no later than November 1st of that year. An example of this years (2010) data availability can be found on the web at: http://www.zuray.com/KingData10_Final.xls

Project data includes Chinook weight, length, girth, sex and visible Ichthyophonus disease data and also fall chum arrival date determination. Includes all 3 years of the project. This is held in Microsoft Excel (2003 and 2010). Inquiries for data should be directed to Stan Zuray, Box 172, Tanana, Alaska, 99777. E-mail stanzuray@gmail.com, phone 907-366 -7114, fax 907-366 -7195 9 (Tanana Tribal Council's fax).

XI. ACKNOWLEDGEMENTS:

This project was funded by the Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative.

Tanana Tribal Council support in the present 2008 – 2010 project and as lead proponent in the earlier years has been invaluable.

I would like to thanks the Yukon River Panel for again supporting the project through the partnership this project has developed with its Rampart Rapids Fishwheel Video Monitoring project. Computers and communication equipment and much more from the video project has allowed for so much of this projects success.

Many thanks go out to all the fishermen who worked daily with the student technicians. They would go out of their way to coordinate sampling times and always supported their efforts.

Finally thanks to all the hard working technicians who have been here over the years.

XII. PRESS RELEASE:

Since 2001 a data collection project has run in the middle Yukon River area using local students as its labor force. Operating out of a place known historically as the Rampart Rapids (mile 763), between the villages of Tanana and Rampart, this project was started to collect data specifically on areas of concern by fishermen

such as the loss of the larger sized Chinook salmon, a disease called Ichthyophonus, and a more accurate date to begin counting the fall chum salmon run.

Presently operating under funding by the Alaska Sustainable Salmon Fund and the Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative the project has been funded in the past by the USFWS Office of Subsistence Management, Yukon River Drainage Fishermen's Association (YRDFA), Alaska Department of Fish and Game, and Rapids Research Center.

This effort has produced a significant database of size and disease information, sampling about 1000 Chinook each year since 2004. Most of the data is taken from subsistence or commercial caught fish except for some special live sampling from fishwheels which are then immediately released.

Stan Zuray has been project manager since its start in 2001. He says he feels the project has had a strong contributing influence on showing the decline in Chinook salmon size and getting that message out to the fishermen and managers. "When we started this effort the executive board of YRDFA was one vote shy of 100% agreement that there was not a problem with our king salmon getting smaller in the Yukon. Presently the board is 100% in agreement that a problem exists".

Stan also credits the project with providing one of the few consistent Ichthyophonus disease monitoring programs since Dr. Richard Kocan, a renowned expert on the disease, finished his last project in the Yukon River in 2003. Dr. Kocan who has worked with the Rapids student projects says "the work it does with the kids is a fantastic contribution to the community and will ensure that future generations know the value of real work and good science". Dr. Kocan holds a PhD in microbiology with over forty years' experience in parasitology and has published ninety-four scientific papers, including seven with the word Ichthyophonus in the title.

Along with the important data produced come the benefits to the youth and communities in the area from having students involved so closely with the project. While funding has varied over the years (and that drives the numbers of students able to be hired) around 15 to 30 younger kids are hired for 1 week jobs and a couple of older students (last year of high school or college) for 8 week seasonal jobs each year. BillyAnn White, age 17 and one of the older technicians at the present project said she has learned a lot more about life on the river even though she has lived her life in the village of Tanana, "Kids don't often know what's happening with their own fish in the river, especially with things like Ichthyophonus".

XIII. APPENDICES:

Appendix 1: 2008 to 2010 Rapids Student Data Collection Project - Main Raw Wheel Data Sheets

2008 Rapids Student Data Collection Project - Main Raw Data Sheet (corrected + final 1/20/09)																
Past project data reports and related project info available at www.RapidsResearch.com (Student Project Data page)																
(AYK SSI Funded - Tanana Tribal Council, R&E Rapids Fishwheel Project + Rapids Research Supported)																
Data preliminary till gone over post season										ICHTHYOPHONUS						
Please report mistakes										ADF&G			3 spots or more = pos.			AYK SSI
Day	Date	Fisher	Species	Fish	Weight	Length	Girth	Sex	Fin Clip	PCR			Heart	# spots	Flesh	Confirm
				#	(tenths)	(.5 cm)	.5 or .1	m / f	Yes / No	Yes / No	Vial #	(P - Pos),(N - Neg),(NC - No Check)				AYK / NO
Thurs	6/19	wheel	king	1	17.7	82.5	47.5	m	y	n	n	n	n	0	nc	no
Thurs	6/19	wheel	king	2	11.4	68.5	41.5	m	y	n	n	p	20	p		AYK
Thurs	6/19	wheel	king	3	12.3	71.5	41.5	m	y	n	n	n	0	nc		no
Thurs	6/19	wheel	king	4	9.1	66	38.5	m	y	n	n	n	0	nc		no
Fri	6/20	wheel	king	5	17.6	80.5	50	m	y	n	n	n	0	nc		no
Fri	6/20	wheel	king	6	13.4	72	44	f	y	n	n	n	0	nc		no
Sat	6/21	wheel	king	7	28.6	93	56.5	m	y	n	n	n	0	nc		no
Sat	6/21	wheel	king	8	16.7	82.5	45.5	m	y	n	n	n	0	nc		no
Sat	6/21	wheel	king	9	17.6	75.5	50	f	y	n	n	n	0	nc		no
Sun	6/22	wheel	king	10	13.5	75	43	m	y	n	n	n	0	nc		no
Sun	6/22	wheel	king	11	16.1	77.5	46.5	m	y	n	n	n	0	nc		no
Sun	6/22	wheel	king	12	23.2	88.5	53.5	m	y	n	n	n	0	nc		no
Sun	6/22	wheel	king	13	33.5	99	61	f	y	n	n	n	0	nc		no
Mon	6/23	wheel	king	14	11	67	41.5	m	y	n	n	p	50	n		AYK p
Mon	6/23	wheel	king	16	14.6	76.5	45.5	m	y	n	n	n	0	nc		no
Mon	6/23	wheel	king	17	11.8	70	42.5	m	y	n	n	n	0	nc		no
Mon	6/23	wheel	king	18	10.4	70	39.5	m	y	n	n	n	0	nc		no
Mon	6/23	wheel	king	19	17.5	78	49	m	y	n	n	n	0	nc		no
Wed	6/25	wheel	king	20	38	103	62.8	m	y	y	n	n	0	nc		no
Wed	6/25	wheel	king	21	11.6	68	39.7	m	y	y	1	n	0	nc		no
Wed	6/25	wheel	king	22	13.5	73	43.5	m	y	y	2	n	0	nc		no
Wed	6/25	wheel	king	23	24.4	89	52.4	f	y	y	3	p	3	nc		AYK
Wed	6/25	wheel	king	24	11.1	68.5	40.9	m	y	y	4	n	0	nc		no
Wed	6/25	wheel	king	25	12	70.5	41.5	m	y	y	5	n	1	nc		no
Wed	6/25	wheel	king	26	12.5	72.5	40.4	m	y	y	6	n	0	nc		no
Wed	6/25	wheel	king	27	11.4	70.5	40.5	m	y	y	7	n	0	nc		no
Wed	6/25	wheel	king	28	7.8	64.6	34.6	m	y	y	8	n	0	nc		no
Wed	6/25	wheel	king	29	9.7	68	38.7	m	y	y	9	n	0	nc		no
Wed	6/25	wheel	king	30	12.1	72.1	40.9	m	y	y	10	n	0	nc		no
Wed	6/25	wheel	king	31	10.4	68.6	39.9	m	y	y	11	n	0	nc		no
Wed	6/25	wheel	king	32	12.1	70.8	40.5	m	y	y	12	n	0	nc		no
Wed	6/25	wheel	king	33	8.2	49	36.5	m	y	y	13	n	0	nc		no
Wed	6/25	wheel	king	34	11	70.6	39.6	m	y	y	14	n	0	nc		no
Wed	6/25	wheel	king	35	11.2	68.6	40.1	m	y	y	15	n	0	nc		no
Wed	6/25	wheel	king	36	13.4	74.9	42.8	m	y	y	16	n	0	nc		no
Wed	6/25	wheel	king	37	10.1	66.8	39.8	m	y	y	17	n	0	nc		no
Wed	6/25	wheel	king	38	10.5	70.5	39.2	m	y	y	18	n	0	nc		no
Wed	6/25	wheel	king	39	7.1	60.4	35.2	m	y	y	19	n	0	nc		no
Wed	6/25	wheel	king	40	11.6	70.5	41.6	m	y	y	20	n	0	nc		no
Wed	6/25	wheel	king	41	10.1	71.5	37.6	m	y	y	21	n	0	nc		no
Wed	6/25	wheel	king	42	13.7	74.7	43.4	m	y	y	22	n	0	nc		no
Wed	6/25	wheel	king	43	11	71.3	39.1	m	y	y	23	n	0	nc		no
Wed	6/25	wheel	king	44	15.2	75.6	45.4	m	y	y	24	n	0	nc		no
Wed	6/25	wheel	king	45	14.5	78.1	44	m	y	y	25	n	0	nc		no
Wed	6/25	wheel	king	46	8.5	63.5	37.3	m	y	y	26	n	0	nc		no
Wed	6/25	wheel	king	47	11.5	72.1	39.3	f	y	y	27	n	0	nc		no
Wed	6/25	wheel	king	48	13	75.6	42.3	m	y	y	28	n	0	nc		no
Wed	6/25	wheel	king	49	11.2	70.8	41.7	m	y	y	29	n	0	nc		no
Wed	6/25	wheel	king	50	13.7	73.2	43.5	f	y	y	30	n	0	nc		no
Wed	6/25	wheel	king	51	16.8	78.9	46.3	m	y	y	31	n	0	nc		no
Thurs	6/26	wheel	king	52	11.1	71	39.3	m	y	y	32	n	0	nc		no
Thurs	6/26	wheel	king	53	20.6	88.9	47.8	f	y	y	33	n	0	nc		no
Thurs	6/26	wheel	king	54	16.1	77.2	47.2	m	y	y	34	n	0	nc		no
Thurs	6/26	wheel	king	55	9.5	67.4	39.4	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	56	12.6	72.9	41.8	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	57	12.1	72.6	41.7	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	58	11.5	72.8	40.6	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	59	11.5	70	41.2	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	60	13.9	75.3	43.6	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	61	13.1	74.3	43.5	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	62	11.9	71	40.6	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	63	12.5	72.4	41.9	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	64	12.1	72.6	41	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	65	11	71.4	38.8	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	66	13.1	75.2	41.6	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	67	10.4	69.8	38.4	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	68	9.2	66.8	36.4	m	y	n	n	n	0	nc		no
Thurs	6/26	wheel	king	69	11.1	71.9	38.5	m	y	n	n	n	0	nc		no

Thurs	6/26	wheel	king	70	10.1	67.9	38.2	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	71	10.6	89.5	39.5	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	72	9.6	67.8	37.5	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	73	10.6	70.2	38	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	74	8.5	66.3	35	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	75	12.9	73.4	41.5	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	76	12.2	72.3	41	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	77	9.1	67.9	37.5	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	78	10	68.9	37.5	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	79	24.5	91.2	52	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	80	12.6	73.6	41.5	m	y	n	n	n	0	nc	no
Fri	6/27	wheel	king	81	16.4	80.3	41.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	82	11.9	73.4	40	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	83	8.6	64.4	36.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	84	19.1	86.1	48.5	f	y	n	n	p	8	nc	AYK
Sat	6/28	wheel	king	85	8.1	65.5	36	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	86	21.3	90.1	52	f	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	87	18.7	82.6	50	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	88	14.2	75.3	44	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	89	17.9	82.4	48.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	90	11.8	74.3	40	f	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	91	11.9	70.6	42	m	y	n	n	p	150	nc	AYK p
Sat	6/28	wheel	king	92	9.3	66.8	38	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	93	13.9	73.5	45	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	94	21	85.7	51	f	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	95	11	68.9	40.9	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	96	12.3	71.2	42	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	97	9.7	66.3	38	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	98	12.8	71.9	43	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	99	11.6	70	42	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	100	10.9	71.6	40.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	101	11.4	69.6	41	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	102	10.6	69.9	40.5	m	y	n	n	p	2000	nc	AYK p
Sat	6/28	wheel	king	103	13.5	78.2	42.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	104	11.5	71.6	41.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	105	11.2	70.4	41	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	106	7.9	66	35.3	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	107	7.3	62	35.1	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	108	8.7	64.5	37.6	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	109	4.9	54.7	31	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	110	9.4	67.6	38.4	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	111	14.1	78.2	42.5	f	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	112	9.5	72.8	38.1	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	113	11.9	70.4	40.1	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	114	11.8	71.9	40.6	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	115	12.6	75.5	40.4	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	116	11.2	73.9	38.7	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	117	10.7	68.9	40.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	118	17.5	81.7	46.3	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	119	13.2	75.2	40.9	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	120	6.2	57.5	33	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	121	10.8	70	40.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	122	5.1	53	32	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	123	11.7	70.5	41	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	124	11.4	73.5	41	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	125	12.2	70.5	42.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	126	7	61	34.5	m	y	n	n	n	0	nc	no
Sat	6/28	wheel	king	127	10.3	68.5	40	m	y	n	n	n	0	nc	no
Sun	6/29	wheel	king	128	13.5	74	43.5	m	y	n	n	n	0	nc	no
Sun	6/29	wheel	king	129	11.5	71.5	41.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	130	11	69	42	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	131	8.5	64.5	37.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	132	10.2	69	39.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	133	10.5	68	39.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	134	12.8	74.5	41.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	135	8.1	63.5	36	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	136	9.5	65	39.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	137	11.7	71.5	40.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	138	11	71.5	39	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	139	14.7	75.5	44	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	140	6	55.5	32.5	m	n	n	n	p	200	nc	AYK p
Sun	6/29	wheel	king	141	11.4	70.5	39.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	142	15.6	77	46	f	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	143	10.7	69.5	39	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	144	11.7	69.5	42	m	n	n	n	n	0	nc	no

Sun	6/29	wheel	king	145	8.4	65.5	36.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	146	21.8	84.5	52	f	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	147	10.8	69	41	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	148	10.7	71.5	39	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	149	9.4	69	38.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	150	11	70	40.5	m	n	n	n	n	0	nc	no
Sun	6/29	wheel	king	151	8.2	64.5	36.5	m	n	n	n	n	0	nc	AYK n
Tues	7/1	wheel	king	152	11.2	71	41.5	m	n	n	n	n	0	nc	no
Tues	7/1	wheel	king	153	9.4	67	40	m	n	n	n	n	0	nc	no
Tues	7/1	wheel	king	154	12.9	76	42.5	m	n	n	n	n	0	nc	no
Tues	7/1	wheel	king	155	8.8	68.5	37.5	m	n	n	n	n	0	nc	no
Tues	7/1	wheel	king	156	9.6	68	39.5	m	n	n	n	n	0	nc	no
Wed	7/2	wheel	king	162	7.6	85.5	34.5	m	y	n	n	n	0	nc	AYK n
Wed	7/2	wheel	king	163	4.2	74	42.5	m	y	n	n	n	0	nc	AYK n
Wed	7/2	wheel	king	164	12.3	75	41.5	m	y	n	n	n	0	nc	AYK n
Wed	7/2	wheel	king	165	12	73	41.5	m	y	n	n	p	4	nc	AYK
Wed	7/2	wheel	king	166	16.4	70.5	42.5	m	y	n	n	p	30	nc	AYK p
Wed	7/2	wheel	king	167	10.7	76.5	39.5	m	y	n	n	n	0	nc	AYK n
Wed	7/2	wheel	king	168	10.1	69	40.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	169	10.2	70.5	59	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	170	10.8	70	41	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	171	9.6	68	40	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	172	11.5	71	42	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	173	9.5	65	n	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	174	9.3	70	n	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	175	11.1	71.6	40.5	m	y	n	n	p	6	nc	AYK
Wed	7/2	wheel	king	176	10.9	70.4	41	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	177	7.4	64.9	34	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	178	17.8	84.9	46	f	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	179	12.3	73.8	42	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	180	10.9	69	41.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	181	7.8	63.1	35	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	182	9	66	37	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	183	14.9	76.9	44.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	184	27.3	96.3	53	m	y	n	n	p	3000	nc	AYK p
Wed	7/2	wheel	king	185	10.6	71.8	38	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	186	9.1	66.5	37	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	187	26.1	91.3	54	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	188	16.2	79	47	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	189	7.3	61.8	34.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	190	11.5	71.6	41	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	191	13.4	73.6	43.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	192	16	81.3	44.5	f	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	193	8.9	64.9	38.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	194	13.7	74.6	42	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	195	8.5	64.3	32	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	196	10.6	64.4	40	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	197	11.2	72.9	39	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	198	10.6	68.7	41	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	199	10.5	67	40.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	200	19.3	83.1	49	f	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	201	5.5	56.2	30.5	m	y	n	n	n	2	nc	AYK
Wed	7/2	wheel	king	202	11.6	71.1	40	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	203	12.2	70.9	43	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	204	10.1	69	38.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	205	10.9	69.9	39.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	206	14.2	78.2	43.5	f	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	207	10	67.6	39	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	208	11	70.3	40.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	209	10.1	67.6	37.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	210	10.2	67.1	39	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	211	11.9	71.8	42.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	212	9.2	67.4	37.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	213	6.3	58.2	34	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	214	13.6	72	45.5	m	y	n	n	n	0	nc	no
Wed	7/2	wheel	king	215	7.5	65	33.5	m	y	y	35	n	0	nc	no
Wed	7/2	wheel	king	216	10.5	70	39	m	y	y	36	n	0	nc	AYK n
Wed	7/2	wheel	king	217	7.4	64	35	m	y	y	37	n	0	nc	AYK n
Wed	7/2	wheel	king	218	8.5	66.5	36	m	y	y	38	n	0	nc	AYK n
Wed	7/2	wheel	king	219	8.2	63	37	m	y	y	39	n	0	nc	no
Wed	7/2	wheel	king	220	7	60.5	44.5	m	y	y	40	n	0	nc	no
Wed	7/2	wheel	king	221	13	74.5	n	m	y	y	41	n	0	nc	no
Thurs	7/3	wheel	king	244	15.1	74.6	44	f	y	n	n	n	0	nc	no
Thurs	7/3	wheel	king	245	11.6	70.4	42	m	y	n	n	n	0	nc	no
Thurs	7/3	wheel	king	246	10.9	69.1	42.5	m	y	n	n	n	0	nc	no

Thurs	7/3	wheel	king	247	12.2	73.8	40.5	f	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	248	8.6	65.6	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	249	10.1	70.2	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	250	8.7	66.9	39	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	251	10.5	70.1	40	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	252	8.8	65.8	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	253	13.6	73.7	44.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	254	7.9	65.3	35	m	y	n	n	p	300	nc	AYK p
Thurs	7/3	wheel	king	255	8.7	65.9	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	256	8.9	67.8	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	257	9.3	65.5	39	m	y	n	n	p	40	nc	no
Thurs	7/3	wheel	king	258	12.1	72.7	42	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	259	14.7	76	46	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	260	16	79.2	48	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	261	9.9	68.8	40.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	262	10.5	66.9	40	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	263	9.6	67.9	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	264	10.4	70.1	39.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	265	8.3	66.4	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	266	9.5	67.6	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	267	10.4	69.3	40.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	268	6.1	58.4	33.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	269	8.4	65.5	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	270	8.7	66.4	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	271	21.8	86.6	52	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	272	3.5	48.2	29	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	273	13	73	44.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	274	11.4	72.4	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	275	12.3	75.1	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	276	10.6	70.5	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	277	7.4	62.5	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	278	5.2	56	32	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	279	3.6	52.2	28.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	280	4	49.3	29.9	m	y	n	n	p	8	nc	no
Thurs	7/3	wheel	king	281	8.8	65.6	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	282	6	58.2	35	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	283	7.6	63.9	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	284	10.7	67.3	42.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	285	7.8	65	34	m	y	y	42	n	0	nc	no
Thurs	7/3	wheel	king	286	13.4	75	43	f	y	y	43	n	0	nc	no
Thurs	7/3	wheel	king	287	10.4	69	38	m	y	y	44	n	0	nc	no
Thurs	7/3	wheel	king	288	8	64.5	34.5	m	y	y	45	n	0	nc	no
Thurs	7/3	wheel	king	289	8.4	65	37	m	y	y	46	n	0	nc	no
Thurs	7/3	wheel	king	290	14.6	77	44	m	y	y	47	n	0	nc	no
Thurs	7/3	wheel	king	291	7.3	61	34.5	m	y	y	48	n	0	nc	no
Thurs	7/3	wheel	king	292	12.7	73	42	m	y	y	49	n	0	nc	no
Thurs	7/3	wheel	king	293	7.3	63.5	34	m	y	y	50	n	0	nc	no
Thurs	7/3	wheel	king	294	8.2	65.5	35	m	y	y	51	n	0	nc	no
Thurs	7/3	wheel	king	295	15	78	43.5	m	y	y	52	n	0	nc	no
Thurs	7/3	wheel	king	296	10.6	71	38.5	m	y	y	53	n	0	nc	no
Thurs	7/3	wheel	king	297	12.4	74	41.5	m	y	y	54	n	0	nc	no
Thurs	7/3	wheel	king	298	8.8	67.5	35.5	m	y	y	55	n	0	nc	no
Thurs	7/3	wheel	king	299	10.5	68	38	m	y	y	56	n	0	nc	no
Thurs	7/3	wheel	king	300	7.4	62	34.5	m	y	y	57	n	0	nc	no
Thurs	7/3	wheel	king	301	10	69	38.5	m	y	y	58	n	0	nc	no
Thurs	7/3	wheel	king	302	10.5	67.5	34.5	m	y	y	59	n	0	nc	no
Thurs	7/3	wheel	king	303	8.6	66	37	m	y	y	60	n	0	nc	no
Thurs	7/3	wheel	king	304	11.3	74.5	45	m	y	y	61	n	0	nc	no
Thurs	7/3	wheel	king	305	8.3	63	36.5	m	y	y	62	n	0	nc	no
Thurs	7/3	wheel	king	306	10.2	71	38	m	y	y	63	n	0	nc	no
Thurs	7/3	wheel	king	307	15.1	79	45	m	y	y	64	n	0	nc	no
Fri	7/4	wheel	king	308	10.4	70.6	40.5	m	y	n	n	p	20	nc	no
Fri	7/4	wheel	king	309	10.9	71.4	41	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	310	14.2	76.2	46.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	311	12.8	76.3	43.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	312	23.5	90.3	53	m	y	n	n	p	100	nc	no
Fri	7/4	wheel	king	313	11	71.3	40	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	314	13.2	75.8	42	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	315	12.7	74.1	41.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	316	12.3	72.4	44	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	317	12.1	73.8	40.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	318	14.8	75.6	46	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	319	17	81.6	46.5	f	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	320	15.1	77.2	46	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	321	18.5	83	49.5	f	y	n	n	n	0	nc	no

Thurs	7/3	wheel	king	247	12.2	73.8	40.5	f	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	248	8.6	65.6	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	249	10.1	70.2	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	250	8.7	66.9	39	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	251	10.5	70.1	40	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	252	8.8	65.8	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	253	13.6	73.7	44.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	254	7.9	65.3	35	m	y	n	n	p	300	nc	AYK p
Thurs	7/3	wheel	king	255	8.7	65.9	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	256	8.9	67.8	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	257	9.3	65.5	39	m	y	n	n	p	40	nc	no
Thurs	7/3	wheel	king	258	12.1	72.7	42	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	259	14.7	76	46	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	260	16	79.2	48	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	261	9.9	68.8	40.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	262	10.5	66.9	40	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	263	9.6	67.9	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	264	10.4	70.1	39.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	265	8.3	66.4	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	266	9.5	67.6	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	267	10.4	69.3	40.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	268	6.1	58.4	33.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	269	8.4	65.5	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	270	8.7	66.4	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	271	21.8	86.6	52	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	272	3.5	48.2	29	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	273	13	73	44.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	274	11.4	72.4	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	275	12.3	75.1	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	276	10.6	70.5	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	277	7.4	62.5	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	278	5.2	56	32	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	279	3.6	52.2	28.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	280	4	49.3	29.9	m	y	n	n	p	8	nc	no
Thurs	7/3	wheel	king	281	8.8	65.6	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	282	6	58.2	35	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	283	7.6	63.9	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	284	10.7	67.3	42.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	285	7.8	65	34	m	y	y	42	n	0	nc	no
Thurs	7/3	wheel	king	286	13.4	75	43	f	y	y	43	n	0	nc	no
Thurs	7/3	wheel	king	287	10.4	69	38	m	y	y	44	n	0	nc	no
Thurs	7/3	wheel	king	288	8	64.5	34.5	m	y	y	45	n	0	nc	no
Thurs	7/3	wheel	king	289	8.4	65	37	m	y	y	46	n	0	nc	no
Thurs	7/3	wheel	king	290	14.6	77	44	m	y	y	47	n	0	nc	no
Thurs	7/3	wheel	king	291	7.3	61	34.5	m	y	y	48	n	0	nc	no
Thurs	7/3	wheel	king	292	12.7	73	42	m	y	y	49	n	0	nc	no
Thurs	7/3	wheel	king	293	7.3	63.5	34	m	y	y	50	n	0	nc	no
Thurs	7/3	wheel	king	294	8.2	65.5	35	m	y	y	51	n	0	nc	no
Thurs	7/3	wheel	king	295	15	78	43.5	m	y	y	52	n	0	nc	no
Thurs	7/3	wheel	king	296	10.6	71	38.5	m	y	y	53	n	0	nc	no
Thurs	7/3	wheel	king	297	12.4	74	41.5	m	y	y	54	n	0	nc	no
Thurs	7/3	wheel	king	298	8.8	67.5	35.5	m	y	y	55	n	0	nc	no
Thurs	7/3	wheel	king	299	10.5	68	38	m	y	y	56	n	0	nc	no
Thurs	7/3	wheel	king	300	7.4	62	34.5	m	y	y	57	n	0	nc	no
Thurs	7/3	wheel	king	301	10	69	38.5	m	y	y	58	n	0	nc	no
Thurs	7/3	wheel	king	302	10.5	67.5	34.5	m	y	y	59	n	0	nc	no
Thurs	7/3	wheel	king	303	8.6	66	37	m	y	y	60	n	0	nc	no
Thurs	7/3	wheel	king	304	11.3	74.5	45	m	y	y	61	n	0	nc	no
Thurs	7/3	wheel	king	305	8.3	63	36.5	m	y	y	62	n	0	nc	no
Thurs	7/3	wheel	king	306	10.2	71	38	m	y	y	63	n	0	nc	no
Thurs	7/3	wheel	king	307	15.1	79	45	m	y	y	64	n	0	nc	no
Fri	7/4	wheel	king	308	10.4	70.6	40.5	m	y	n	n	p	20	nc	no
Fri	7/4	wheel	king	309	10.9	71.4	41	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	310	14.2	76.2	46.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	311	12.8	76.3	43.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	312	23.5	90.3	53	m	y	n	n	p	100	nc	no
Fri	7/4	wheel	king	313	11	71.3	40	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	314	13.2	75.8	42	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	315	12.7	74.1	41.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	316	12.3	72.4	44	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	317	12.1	73.8	40.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	318	14.8	75.6	46	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	319	17	81.6	46.5	f	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	320	15.1	77.2	46	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	321	18.5	83	49.5	f	y	n	n	n	0	nc	no

Thurs	7/3	wheel	king	247	12.2	73.8	40.5	f	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	248	8.6	65.6	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	249	10.1	70.2	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	250	8.7	66.9	39	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	251	10.5	70.1	40	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	252	8.8	65.8	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	253	13.6	73.7	44.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	254	7.9	65.3	35	m	y	n	n	p	300	nc	AYK p
Thurs	7/3	wheel	king	255	8.7	65.9	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	256	8.9	67.8	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	257	9.3	65.5	39	m	y	n	n	p	40	nc	no
Thurs	7/3	wheel	king	258	12.1	72.7	42	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	259	14.7	76	46	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	260	16	79.2	48	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	261	9.9	68.8	40.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	262	10.5	66.9	40	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	263	9.6	67.9	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	264	10.4	70.1	39.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	265	8.3	66.4	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	266	9.5	67.6	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	267	10.4	69.3	40.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	268	6.1	58.4	33.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	269	8.4	65.5	38.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	270	8.7	66.4	38	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	271	21.8	86.6	52	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	272	3.5	48.2	29	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	273	13	73	44.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	274	11.4	72.4	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	275	12.3	75.1	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	276	10.6	70.5	41	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	277	7.4	62.5	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	278	5.2	56	32	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	279	3.6	52.2	28.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	280	4	49.3	29.9	m	y	n	n	p	8	nc	no
Thurs	7/3	wheel	king	281	8.8	65.6	37	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	282	6	58.2	35	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	283	7.6	63.9	36	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	284	10.7	67.3	42.5	m	y	n	n	n	n	nc	no
Thurs	7/3	wheel	king	285	7.8	65	34	m	y	y	42	n	0	nc	no
Thurs	7/3	wheel	king	286	13.4	75	43	f	y	y	43	n	0	nc	no
Thurs	7/3	wheel	king	287	10.4	69	38	m	y	y	44	n	0	nc	no
Thurs	7/3	wheel	king	288	8	64.5	34.5	m	y	y	45	n	0	nc	no
Thurs	7/3	wheel	king	289	8.4	65	37	m	y	y	46	n	0	nc	no
Thurs	7/3	wheel	king	290	14.6	77	44	m	y	y	47	n	0	nc	no
Thurs	7/3	wheel	king	291	7.3	61	34.5	m	y	y	48	n	0	nc	no
Thurs	7/3	wheel	king	292	12.7	73	42	m	y	y	49	n	0	nc	no
Thurs	7/3	wheel	king	293	7.3	63.5	34	m	y	y	50	n	0	nc	no
Thurs	7/3	wheel	king	294	8.2	65.5	35	m	y	y	51	n	0	nc	no
Thurs	7/3	wheel	king	295	15	78	43.5	m	y	y	52	n	0	nc	no
Thurs	7/3	wheel	king	296	10.6	71	38.5	m	y	y	53	n	0	nc	no
Thurs	7/3	wheel	king	297	12.4	74	41.5	m	y	y	54	n	0	nc	no
Thurs	7/3	wheel	king	298	8.8	67.5	35.5	m	y	y	55	n	0	nc	no
Thurs	7/3	wheel	king	299	10.5	68	38	m	y	y	56	n	0	nc	no
Thurs	7/3	wheel	king	300	7.4	62	34.5	m	y	y	57	n	0	nc	no
Thurs	7/3	wheel	king	301	10	69	38.5	m	y	y	58	n	0	nc	no
Thurs	7/3	wheel	king	302	10.5	67.5	34.5	m	y	y	59	n	0	nc	no
Thurs	7/3	wheel	king	303	8.6	66	37	m	y	y	60	n	0	nc	no
Thurs	7/3	wheel	king	304	11.3	74.5	45	m	y	y	61	n	0	nc	no
Thurs	7/3	wheel	king	305	8.3	63	36.5	m	y	y	62	n	0	nc	no
Thurs	7/3	wheel	king	306	10.2	71	38	m	y	y	63	n	0	nc	no
Thurs	7/3	wheel	king	307	15.1	79	45	m	y	y	64	n	0	nc	no
Fri	7/4	wheel	king	308	10.4	70.6	40.5	m	y	n	n	p	20	nc	no
Fri	7/4	wheel	king	309	10.9	71.4	41	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	310	14.2	76.2	46.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	311	12.8	76.3	43.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	312	23.5	90.3	53	m	y	n	n	p	100	nc	no
Fri	7/4	wheel	king	313	11	71.3	40	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	314	13.2	75.8	42	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	315	12.7	74.1	41.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	316	12.3	72.4	44	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	317	12.1	73.8	40.5	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	318	14.8	75.6	46	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	319	17	81.6	46.5	f	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	320	15.1	77.2	46	m	y	n	n	n	0	nc	no
Fri	7/4	wheel	king	321	18.5	83	49.5	f	y	n	n	n	0	nc	no

Sun	7/6	wheel	King	474	8.8	67.2	37	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	475	4.1	53.6	28	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	476	3	48.5	25	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	477	4.2	51.2	28.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	478	4.2	52.1	27.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	479	7.9	65.5	36	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	480	3.9	49	28	M	Y	N	NC	N	2	NC	NO
Sun	7/6	wheel	King	481	9.8	69.5	37	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	482	4.9	54	30	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	483	7.8	63.5	36	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	484	7	61.5	35	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	485	8.1	65.5	37	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	486	10.5	70.5	38	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	487	11.1	72	40	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	488	7.4	62	35	M	Y	N	NC	P	40	NC	AYK p
Sun	7/6	wheel	King	489	8.1	65.5	35.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	490	3.9	49	28.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	491	5	55.5	30.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	492	1.5	38	21	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	493	8.8	64	38	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	494	8.5	65.5	35.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	495	3.1	47.5	26.5	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	496	11.9	71.5	41	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	497	9.8	68.5	37	M	Y	N	NC	N	0	NC	NO
Sun	7/6	wheel	King	498	6.3	57.5	33.5	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	499	21.6	87	51	F	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	500	13.9	75	45	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	501	2.9	47	25	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	502	9.4	65	38	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	503	12.1	73	42	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	504	7.3	64	35	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	505	6.8	61	35	M	Y	N	NC	P	300	NC	AYK p
MON	7/7	wheel	King	506	12.1	73	43	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	507	23.2	88.5	53.5	F	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	508	14.5	77	45	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	509	12.1	72	42.5	F	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	510	9.4	70	38	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	511	13.3	74.5	44	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	512	10.4	72.5	40	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	513	13.6	79.5	42.5	F	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	514	10.4	72.5	40	M	Y	N	NC	P	3000	NC	AYK p
MON	7/7	wheel	King	515	15.9	80	46	M	Y	N	NC	P	14	NC	NO
MON	7/7	wheel	King	516	10.4	69	41	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	517	11.1	71	44.5	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	518	12.7	71	44.5	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	519	10.3	67	41	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	520	10	69	40	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	521	10.2	68	41	M	Y	N	NC	N	0	NC	NO
MON	7/7	wheel	King	522	3.8	51	28	M	Y	N	NC	P	7	NC	AYK
TUES	7/8	wheel	King	523	12.9	75.1	41.5	F	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	524	15	80.1	45	F	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	525	12.5	75	42	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	526	12.8	74.4	42	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	527	12.7	70.8	45.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	528	10.4	68.7	41	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	529	12.4	70.9	42.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	530	13.2	75.4	44	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	531	9.5	67.9	38	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	532	10.1	67.8	39.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	533	9.5	66.8	39	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	534	9.1	67	37	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	535	9.7	67.2	39	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	536	8.7	65.2	38	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	537	10	68	39	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	538	10.9	71.2	39	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	539	10.6	70.5	39.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	540	7.3	63.5	34	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	541	8.8	65.4	37	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	542	6.1	58.1	35	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	543	8.9	65.9	37.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	544	6.5	58	36	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	545	6.4	58.6	35	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	546	7	59.9	36	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	547	7.4	62.5	35	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	548	7.2	62.9	34	M	Y	N	NC	N	0	NC	NO

TUES	7/8	wheel	King	549	1.9	40	23	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	550	1.6	39.8	23.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	551	3.5	49.8	27	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	552	3.7	51.6	20	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	553	4.9	53.4	32	M	Y	N	NC	N	1	NC	NO
TUES	7/8	wheel	King	554	3.1	48.2	26	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	555	3.1	47.6	26.5	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	556	4.3	53	29	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	557	3.3	48.7	28	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	558	3.5	52	27	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	559	4.2	53.2	28	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	560	4.5	52.8	30	M	Y	N	NC	N	0	NC	NO
TUES	7/8	wheel	King	561	5	55.2	31	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	562	1.3	38	20.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	563	1.4	36	21	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	564	1.9	41	23	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	565	4.3	50	27	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	566	3.5	48	26.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	567	2	41.1	22.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	568	4.9	57	31	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	569	9.4	68.1	39	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	570	25.3	93.2	55.5	F	Y	N	NC	P	100	NC	AYK
WED	7/9	wheel	King	571	17.3	82	50	F	Y	N	NC	N	0	NC	AYK n
WED	7/9	wheel	King	572	32.3	96	60.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	573	10.9	70.5	40	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	574	17.9	82.4	49	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	575	9.6	69.7	39.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	576	10.1	69	39	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	577	18.1	84.1	49	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	578	11.8	73	42	F	Y	N	NC	P	50	NC	AYK p
WED	7/9	wheel	King	579	10.4	72.7	40	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	580	13.9	78.3	43	F	Y	N	NC	P	25	NC	NO
WED	7/9	wheel	King	581	11.7	73.6	41.5	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	582	9.9	69.8	40	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	583	5.1	59.4	32	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	584	12.2	74.1	43	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	585	3.4	51	28	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	586	4.1	53	29	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	587	6	62	32	M	Y	N	NC	P	200	NC	AYK p
WED	7/9	wheel	King	588	18.5	83.5	50	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	589	11.1	71.3	42.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	590	20.1	85.1	53	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	591	18.9	85.6	49	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	592	13.1	78.7	42	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	593	14.8	73.1	48.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	594	18.6	86.5	49.5	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	595	11.1	71.2	42.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	596	9.7	71.9	37.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	597	11.2	72.6	41	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	598	10.3	69.7	40.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	599	4.2	56.2	31	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	600	8.9	68.1	36	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	601	13	79.1	40	F	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	King	602	4.9	58.2	31	M	Y	N	NC	P	20	NC	AYK
WED	7/9	wheel	King	603	9.5	70.6	38.5	M	Y	N	NC	N	0	NC	NO
WED	7/9	wheel	KING	605	9.7	68	38	M	Y	Y	102	N	0	NC	NO
WED	7/9	wheel	KING	606	3.5	48	26.5	M	Y	Y	103	N	0	NC	AYK n
WED	7/9	wheel	KING	607	6.5	59	33	M	Y	Y	104	N	0	NC	AYK n
WED	7/9	wheel	KING	608	5.8	57	32	M	Y	Y	105	N	0	NC	AYK n
WED	7/9	wheel	KING	609	15.5	79	43	M	Y	Y	106	N	0	NC	AYK n
WED	7/9	wheel	KING	610	9	68	36	M	Y	Y	107	N	0	NC	AYK n
WED	7/9	wheel	KING	611	8.6	67	35.5	M	Y	Y	108	N	0	NC	NO
WED	7/9	wheel	KING	612	5	55	39.5	M	Y	Y	109	N	0	NC	NO
WED	7/9	wheel	KING	613	8.6	65	35.5	M	Y	Y	110	N	0	NC	NO
WED	7/9	wheel	KING	614	12.1	75	39.5	M	Y	Y	111	N	0	NC	NO
WED	7/9	wheel	KING	615	2.1	40.9	22.5	M	Y	Y	112	N	0	NC	NO
WED	7/9	wheel	KING	616	6.3	58.5	31	M	Y	Y	113	N	0	NC	NO
WED	7/9	wheel	KING	617	14.7	78.4	43	M	Y	Y	114	N	0	NC	NO
THUR	7/10	wheel	KING	617.01	14.2	76.5	44.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.02	9.6	69	37.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.03	19	85.5	49	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.04	11.6	71	42	M	Y	N	N	N	1	NC	NO
THUR	7/10	wheel	KING	617.05	21.9	86.5	52.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.06	10.2	67.5	39.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.07	16.3	84	44	M	Y	N	N	N	0	NC	NO

THUR	7/10	wheel	KING	617.08	10.9	72.7	40.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.09	10.7	72.6	39.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.10	15.7	80.4	43.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.11	15.1	80.3	44.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.12	6.8	62.1	34	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.13	11.5	73.1	40.5	M	Y	N	N	p	50	NC	NO
THUR	7/10	wheel	KING	617.14	5.4	56.5	31.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.15	17.4	81.8	58.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.16	10.1	73.4	37.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.17	14.8	76.5	44.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.18	13	73.4	43	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.19	13	73.4	44	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.20	10.2	67.5	40	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.21	11.9	73.2	41.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.22	11.3	72.6	41	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.23	9.5	66.9	38.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.24	15.4	81.3	44	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.25	10.7	71.1	39.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.26	9.1	66.5	38.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.27	8.6	65.9	38	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.28	11.4	73	41	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.29	7.7	64.4	35	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.30	6.6	60.4	34	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.31	9.4	68	34.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.32	8.9	69	37.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.33	10.5	67.8	40	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.34	11.3	72.9	40	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.35	12	71.6	43.5	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.36	7.8	64.7	35	M	Y	N	N	N	0	NC	NO
THUR	7/10	wheel	KING	617.37	3.8	50.8	28	M	Y	N	N	N	0	NC	NO
SAT	7/12	wheel	KING	618	17.7	85	45.5	F	Y	NO	NO	P	100	NC	AYK p
SAT	7/12	wheel	KING	619	15	79	43	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	620	22.3	90	48.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	621	17	81	46	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	622	15.5	80	44.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	623	17.5	83	46.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	624	20.1	84	49	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	625	12.8	73.5	41.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	626	14.1	76	44.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	627	13.5	73	44	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	628	14.8	78.5	43.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	629	18	84.5	47	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	630	12.5	73	43	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	631	11.1	72	40.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	632	13.1	76	42	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	633	22	89	50.5	M	Y	NO	NO	P	40	NC	AYK p
SAT	7/12	wheel	KING	634	12.5	73	41	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	635	11	70	40.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	636	8.5	63.5	37.5	M	Y	NO	NO	P	20	NC	AYK
SAT	7/12	wheel	KING	637	15	79.5	43.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	638	10.5	69	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	639	5.5	56	34	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	640	12	71	42	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	641	11	70	40	M	Y	NO	NO	P	40	NC	AYK p
SAT	7/12	wheel	KING	642	11.5	73	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	643	11	69	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	644	10	69	39	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	645	11.5	74	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	646	12	73	41	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	647	11.5	71	41.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	648	3.5	50	26	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	649	9	65.5	37.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	650	13	72	43	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	651	12.5	80.5	40.5	F	Y	NO	NO	P	1000	NC	AYK p
SAT	7/12	wheel	KING	652	11	70	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	653	10.5	68	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	654	3.5	49.5	26.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	655	9.5	66.5	38.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	656	9	66	38	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	657	10.4	71	38	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	658	15.8	79	46	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	659	23.9	92.5	52.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	660	10.6	70	39	M	Y	NO	NO	N	0	NC	AYK n
SAT	7/12	wheel	KING	661	13.1	72	43.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	662	14.3	79.6	43	M	Y	NO	NO	N	0	NC	NO

SAT	7/12	wheel	KING	663	15.9	82	45.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	664	15.3	77.7	46	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	665	26.1	91.5	57.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	666	23.9	88.4	54.4	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	667	10.9	71.8	40	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	668	26.5	91.9	56.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	669	20.8	87	51	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	670	14.8	78	44.5	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	671	10.4	69.9	40.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	672	1.8	41	21	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	673	1.9	41.9	23	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	674	4.1	51.5	29	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	675	27.1	94.5	57	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	676	16.7	80.5	49	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	677	7.3	63.5	46	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	678	18.6	84.6	49	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	679	17.6	84.5	47	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	680	11.6	72	41.4	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	681	16.7	85.4	47	F	Y	NO	NO	N	0	NC	AYK n
SAT	7/12	wheel	KING	682	9.6	58	39.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	683	16.1	80.4	47.6	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	684	8	63.3	38	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	685	14.2	74.1	46.1	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	686	24.2	91.8	53	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	687	7.1	63.4	35.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	688	12.5	75.6	42	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	689	9.2	67.5	38.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	690	14.8	76.4	45	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	691	16.4	79	48	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	692	7.3	62.1	35.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	693	11.4	71.9	41.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	694	8.5	64.3	37.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	695	11.7	76.4	40	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	696	13.3	75	42.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	697	10.6	69.4	39.5	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	698	5.2	56.5	32	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	699	12.1	78	40	F	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	700	8.9	66.8	37	M	Y	NO	NO	N	0	NC	NO
SAT	7/12	wheel	KING	701	9	66.5	37	m	y	y	115	n	0	NC	AYK n
SAT	7/12	wheel	KING	702	9.8	68.5	38.5	m	y	y	116	n	0	NC	AYK n
SAT	7/12	wheel	KING	703	24.2	91.5	53	f	y	y	117	p	30	NC	AYK p
SAT	7/12	wheel	KING	704	19.5	85	51	f	y	y	118	n	0	NC	AYK n
SAT	7/12	wheel	KING	705	10.3	72	34	m	y	y	119	n	0	NC	AYK n
SAT	7/12	wheel	KING	706	9.5	67	38	m	y	y	120	n	0	NC	AYK n
SAT	7/12	wheel	KING	707	12	73	41.5	m	y	y	121	n	0	NC	no
SAT	7/12	wheel	KING	708	12.5	74.5	41.5	m	y	y	122	n	0	NC	no
SAT	7/12	wheel	KING	709	9.3	66	39.5	m	y	y	123	n	0	NC	no
SAT	7/12	wheel	KING	710	9.7	68	38	m	y	y	124	n	0	NC	no
SAT	7/12	wheel	KING	711	13.7	75	45	f	y	y	125	n	0	NC	no
SAT	7/12	wheel	KING	712	4.7	55	30	m	y	y	126	n	0	NC	no
SAT	7/12	wheel	KING	713	8	65	35.5	m	y	y	127	n	0	NC	no
SUN	7/13	wheel	KING	714	6.1	57.4	35	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	715	3.6	51.3	29	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	716	6.7	60.1	36	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	717	1.1	38.5	19.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	718	2.6	46.6	26	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	719	3.7	50.7	29.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	720	8.1	63.7	37	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	721	8.2	67.5	35.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	722	10.9	71.1	41	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	723	10.4	70.9	40	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	724	9.2	67.4	38.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	725	9.2	64.4	40	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	726	9.7	69.5	37.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	727	9.4	66.2	38.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	728	10.6	73.5	39	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	729	9.4	68.7	37.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	730	9.7	67.1	39	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	731	10.1	69	39.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	732	11.5	71.7	41.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	733	6	56.5	34.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	734	11	72.6	39.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	735	8.9	67	38.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	736	10.6	72.3	39.5	F	y	NO	NO	P	10	NC	AYK
SUN	7/13	wheel	KING	737	10.2	68.3	41	m	y	NO	NO	n	0	NC	NO

SUN	7/13	wheel	KING	738	7	62.8	35.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	739	7.5	65.4	35.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	740	9.6	68.4	40	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	741	9.4	68.4	38	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	742	9.3	68	38.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	743	4.2	53.6	30	m	y	NO	NO	n	1	NC	NO
SUN	7/13	wheel	KING	744	7.6	64.6	35.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	745	7.2	65.3	35	m	y	NO	NO	P	300	NC	AYK p
SUN	7/13	wheel	KING	746	2.7	49.3	26	m	y	NO	NO	P	50	NC	AYK p
SUN	7/13	wheel	KING	747	23.9	93.4	53.5	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	748	13.2	77.2	42.5	F	y	NO	NO	P	4	NC	NO
SUN	7/13	wheel	KING	749	14.9	80.3	43	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	750	15.8	78.6	46.5	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	751	16.6	80.6	46	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	752	18.4	84.8	48	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	753	15.2	77.6	46	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	754	22	86.6	53.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	755	13.2	78.2	41.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	756	18.9	84.3	48	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	757	22.8	93.3	48.5	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	758	13.9	74.4	44.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	759	28.9	96	56.5	F	y	NO	NO	n	1	NC	NO
SUN	7/13	wheel	KING	760	13.6	83.9	45	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	761	13.4	72.3	46	m	y	NO	NO	P	10	NC	NO
SUN	7/13	wheel	KING	762	15.7	81.1	44	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	763	14	79.2	44	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	764	20.5	86.7	52	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	765	20.3	87	49	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	766	18.3	82.5	47.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	767	9.9	68.6	39.5	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	768	18.4	82.8	49.5	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	769	20.5	88.6	48.5	F	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	770	18.5	85.3	50	F	y	NO	NO	n	1	NC	NO
SUN	7/13	wheel	KING	771	13.1	76	42	m	y	NO	NO	n	0	NC	NO
SUN	7/13	wheel	KING	772	15.4	74.5	47.5	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	773	12.5	71	43.5	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	774	9	67.5	36.5	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	775	9.5	67	38	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	776	6.5	58	34.5	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	777	15.7	80	45.5	F	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	778	11.5	76	38.5	m	y	NO	NO	P	2500	NC	AYK p
TUES	7/15	wheel	KING	779	8.5	67	35	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	780	23.5	84	56	F	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	781	29	100	57	F	y	NO	NO	n	1	NC	NO
TUES	7/15	wheel	KING	782	18.5	81.5	48.5	m	y	NO	NO	n	0	NC	NO
TUES	7/15	wheel	KING	783	2.4	43.5	24.5	m	y	NO	NO	n	0	NC	AYK
TUES	7/15	wheel	KING	784	7.4	61	35	m	y	NO	NO	n	0	NC	AYK n
TUES	7/15	wheel	KING	785	10.5	67.5	40	m	y	NO	NO	n	1	NC	AYK
TUES	7/15	wheel	KING	786	9.5	66	39	m	y	NO	NO	n	1	NC	NO
TUES	7/15	wheel	KING	787	13	74.5	41.5	m	y	NO	NO	n	0	NC	AYK n
TUES	7/15	wheel	KING	788	11.4	72.5	40	m	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	789	11.5	70.5	41.5	m	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	790	18	85	47	F	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	791	19.4	84	51	F	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	792	24.3	96	54.5	m	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	793	22	86	51	F	y	NO	NO	n	0	NC	AYK
WED	7/16	wheel	KING	794	29.5	94.5	58	F	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	795	20.2	86	51	F	y	NO	NO	n	0	NC	AYK n
WED	7/16	wheel	KING	796	21	86	49.5	F	y	NO	NO	n	0	NC	NO
WED	7/16	wheel	KING	797	12.5	72	42	m	y	NO	NO	P	2000	NC	AYK p
WED	7/16	wheel	KING	798	10.3	96	39	m	y	NO	NO	n	0	NC	NO
WED	7/16	wheel	KING	799	10.5	67	40	m	y	NO	NO	n	0	NC	NO
WED	7/16	wheel	KING	800	12.1	74	42	m	y	NO	NO	n	0	NC	NO
WED	7/16	wheel	KING	801	12	71.5	42.5	m	y	NO	NO	n	0	NC	NO
WED	7/16	wheel	KING	802	11.5	73.5	39.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	803	14.5	74	44	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	804	10.5	70	39	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	805	13	73.5	23	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	806	14.5	74.5	45.5	M	y	NO	NO	P	1000	NC	AYK p
WED	7/16	wheel	KING	807	4.5	56	27.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	808	18	85	47.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	809	18.5	82.5	47	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	810	15.5	77	46.5	F	y	NO	NO	P	100	NC	AYK p
WED	7/16	wheel	KING	811	10.5	69	34.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	812	16.5	78	47	M	y	NO	NO	N	0	NC	NO

WED	7/16	wheel	KING	813	8	61	37	M	y	NO	NO	P	20	NC	AYK
WED	7/16	wheel	KING	814	5.5	57.5	31	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	815	10.4	67	40	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	816	2.5	42.5	24	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	817	10.1	70.5	38.5	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	818	10.6	69	39.5	M	y	NO	NO	N	0	NC	N
WED	7/16	wheel	KING	819	6.2	58.5	32	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	820	7.9	83	35	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	821	20.4	86.5	49.5	F	y	NO	NO	P	1000	NC	AYK p
WED	7/16	wheel	KING	822	2	39.5	23.5	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	823	4.6	53.5	30.5	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	824	9.8	68	38.5	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	825	20.6	86	50	F	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	826	10.3	67.5	39	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	827	7.3	61	34	M	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	828	18.4	83.5	48.5	F	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	829	17	82	47	F	y	NO	NO	N	0	NC	AYK n
WED	7/16	wheel	KING	830	13.7	76.5	43	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	831	8.9	63.5	no	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	832	13.2	73.5	42	M	y	NO	NO	N	2	NC	NO
WED	7/16	wheel	KING	833	13.3	73	42	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	834	1.7	40.5	21	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	835	2.2	42.1	24	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	836	3.9	50.4	29	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	837	5.1	55.2	30	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	838	4	49.4	30	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	839	4.4	52.8	29.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	840	4.2	53.7	29	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	841	3	45.4	26.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	842	4.1	52.9	28	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	843	23	91.1	51	M	y	NO	NO	P	200	NC	AYK p
WED	7/16	wheel	KING	844	17.5	80.9	48	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	845	11.5	70	41.5	M	y	NO	NO	P	20	NC	NO
WED	7/16	wheel	KING	846	13.1	77.3	42	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	847	23.8	91	53	F	y	NO	NO	P	400	NC	AYK p
WED	7/16	wheel	KING	848	22.6	87.1	53.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	849	23.9	90.1	54	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	850	21.3	86.8	51	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	851	26.6	93.8	56.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	852	14.5	80.4	43	F	y	NO	NO	P	2000	NC	AYK p
WED	7/16	wheel	KING	853	28.4	95	58	F	y	NO	NO	N	1	NC	NO
WED	7/16	wheel	KING	854	25.9	94.9	55	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	855	16.5	83.5	45	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	856	22.5	86.9	54	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	857	20.5	88.6	51.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	858	21.8	86.3	52.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	859	18.4	84.3	49	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	860	23.8	88	56.5	F	y	NO	NO	N	1	NC	NO
WED	7/16	wheel	KING	861	24.1	92	54	F	y	NO	NO	N	1	NC	NO
WED	7/16	wheel	KING	862	13.8	77.9	44	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	863	17.5	83.7	49	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	864	13.8	78.1	43.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	865	17.4	83.1	48	F	y	NO	NO	P	800	NC	AYK p
WED	7/16	wheel	KING	866	13.5	77.1	43	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	867	15.7	80.5	45	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	868	5.4	54.6	32	M	y	NO	NO	N	1	NC	NO
WED	7/16	wheel	KING	869	9.8	69.1	38.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	870	11.7	74.9	40	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	871	9.6	71.1	37.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	872	8.9	70.4	35.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	873	9.9	69.4	39	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	874	9.5	69.4	37.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	875	8.8	66.4	37	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	876	12.5	72.5	43	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	877	12	71.4	42	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	878	11.3	72.9	42	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	879	12.5	75.3	42	F	y	NO	NO	P	2000	NC	AYK p
WED	7/16	wheel	KING	880	6.8	59.9	36	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	881	10.2	68.8	41	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	882	11.9	72.5	42	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	883	8.6	56.4	37	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	884	11.6	73.8	41	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	885	2	41.5	22.5	M	y	YES	128	N	0	NC	NO
WED	7/16	wheel	KING	886	4.2	52	28.5	M	y	YES	129	N	0	NC	NO
WED	7/16	wheel	KING	887	5.5	55.6	31.2	M	y	YES	130	N	0	NC	NO

WED	7/16	wheel	KING	888	5.3	56	30.5	M	y	YES	131	P	100	NC	NO
WED	7/16	wheel	KING	889	6.3	59.5	32	M	y	YES	132	N	0	NC	NO
WED	7/16	wheel	KING	890	7.2	63.5	32.5	M	y	YES	133	N	0	NC	NO
WED	7/16	wheel	KING	891	10.1	66.5	39.5	M	y	YES	134	N	0	NC	NO
WED	7/16	wheel	KING	892	6.8	61	34	M	y	YES	135	N	0	NC	NO
WED	7/16	wheel	KING	893	10	73.5	37	F	y	YES	136	P	50	NC	NO
WED	7/16	wheel	KING	894	10.9	72.5	37.5	F	y	YES	137	N	0	NC	NO
WED	7/16	wheel	KING	895	10	71	38	M	y	YES	138	N	0	NC	NO
WED	7/16	wheel	KING	896	10.8	68.5	40	M	y	YES	139	N	0	NC	NO
WED	7/16	wheel	KING	897	12.8	74	42	F	y	YES	140	P	50	NC	NO
WED	7/16	wheel	KING	898	12.9	79	44.5	M	y	YES	141	N	0	NC	NO
WED	7/16	wheel	KING	899	8.4	66	35	M	y	YES	142	N	0	NC	NO
WED	7/16	wheel	KING	901	23.5	90.1	54	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	902	15.7	83.3	41.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	903	14.4	79	42.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	904	17.6	81.7	48	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	905	20.8	86.8	49.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	906	16.9	83.5	46	F	y	NO	NO	P	1000	NC	NO
WED	7/16	wheel	KING	907	24.9	91.2	56	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	908	15.7	80.6	47	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	909	19.2	87.4	48.5	F	y	NO	NO	P	15	NC	NO
WED	7/16	wheel	KING	910	15.5	76.1	46.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	911	16	81.3	46	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	912	17.2	82.4	46.5	F	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	913	15.7	79	45.5	M	y	NO	NO	N	0	NC	NO
WED	7/16	wheel	KING	914	20.1	84.1	50.5	F	y	NO	NO	P	50	NC	NO
WED	7/16	wheel	KING	915	26.6	91.3	57.5	F	y	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	916	18.4	84.3	48.5	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	917	29.2	93.4	58	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	918	18.4	83.9	48.5	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	919	20.2	88.6	53	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	920	16.3	83.7	44	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	921	19.2	86.5	47	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	922	17.9	81.7	48	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	923	13.8	77.4	45	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	924	18.4	84.9	48	F	N	NO	NO	P	7	NC	NO
THUR	7/17	wheel	KING	925	19.7	86.2	49	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	926	20.4	85.1	51	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	927	14.5	78.3	45	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	928	22.1	89.7	53.5	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	929	12	72.5	42	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	930	20.5	86.1	49.5	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	931	18.9	82.8	48	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	932	13.8	74.3	44	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	933	23.5	90	53	F	N	NO	NO	P	75	NC	NO
THUR	7/17	wheel	KING	934	20.4	86.9	50.5	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	935	16.9	81.7	46	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	936	18.3	84.1	52	F	N	NO	NO	P	150	NC	NO
THUR	7/17	wheel	KING	937	15.4	77.4	46.5	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	938	19.6	86.2	49	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	939	13.8	78.6	42	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	940	25.4	94.2	54	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	941	13	75.6	42.5	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	942	16.9	82.6	47	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	943	18.7	84.9	49	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	944	24.2	88.4	54	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	945	14.9	87.2	46	M	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	946	22.3	88.8	53	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	947	21.5	88.4	50	F	N	NO	NO	N	0	NC	NO
THUR	7/17	wheel	KING	948	18	84.6	48	F	N	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	949	3.6	50	28	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	950	1.2	38.2	21	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	951	1.6	40.5	23	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	952	4.2	54.5	29	M	Y	NO	NO	P	200	NC	NO
FRI	7/18	wheel	KING	953	7.2	63.5	35	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	954	7.1	64.1	34	M	Y	NO	NO	N	1	NC	NO
FRI	7/18	wheel	KING	955	4.8	54.4	32	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	956	8.7	67	38	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	957	13.4	77.5	43.5	F	Y	NO	NO	P	300	NC	NO
FRI	7/18	wheel	KING	958	6.6	63	34	M	Y	NO	NO	P	2000	NC	NO
FRI	7/18	wheel	KING	959	8.9	67	38.5	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	960	12.6	73	43.5	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	961	11.5	71.5	41.5	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	962	10.9	73.4	40	M	Y	NO	NO	N	0	NC	NO
FRI	7/18	wheel	KING	963	8.2	65.7	37	M	Y	NO	NO	N	0	NC	NO

Wed	6/24	wheel	king	69	24.9	89.5	54.0	f	y	n	0	nc	no
Wed	6/24	wheel	king	70	33.1	97.5	60.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	71	16.2	81.0	46.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	72	36.9	101.5	62.0	m	y	p	25	nc	no
Wed	6/24	wheel	king	73	10.3	66.5	40.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	74	19.8	84.0	48.5	m	y	n	0	nc	no
Wed	6/24	wheel	king	75	19.5	83.5	49.5	f	y	n	0	nc	no
Wed	6/24	wheel	king	76	22.5	87.0	52.5	f	y	n	0	nc	no
Wed	6/24	wheel	king	77	8.1	61.5	36.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	78	8.7	66.0	37.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	79	14.1	77.5	45.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	80	19.4	83.5	49.0	f	y	n	0	nc	no
Wed	6/24	wheel	king	81	20.6	84.0	51.5	m	y	n	0	nc	no
Wed	6/24	wheel	king	82	13.5	76.5	42.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	83	29.4	94.5	60.0	f	y	n	0	nc	no
Wed	6/24	wheel	king	84	16.0	80.5	46.5	m	y	n	0	nc	no
Wed	6/24	wheel	king	85	18.9	82.0	49.5	f	y	n	0	nc	no
Wed	6/24	wheel	king	86	10.6	70.0	40.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	87	30.4	97.5	60.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	88	12.2	73.5	42.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	89	28.9	94.5	56.5	f	y	n	0	nc	no
Wed	6/24	wheel	king	90	14.7	79.0	43.5	m	y	n	0	nc	no
Wed	6/24	wheel	king	91	23.5	89.5	53.0	f	y	n	0	nc	no
Wed	6/24	wheel	king	92	12.2	73.0	42.0	m	y	n	0	nc	no
Wed	6/24	wheel	king	93	26.2	89.5	57.0	f	y	p	20	nc	no
Wed	6/24	wheel	king	94	23.0	89.0	53.0	f	y	n	0	nc	no
Wed	6/24	wheel	king	95	11.4	70.5	41.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	96	15.5	77.5	46.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	97	11.2	69.0	41.0	m	y	p	20	nc	no
Thurs	6/25	wheel	king	98	12.1	70.5	43.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	99	9.9	67.5	39.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	100	9.8	68.0	39.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	101	13.1	77.5	42.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	102	11.9	71.5	43.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	103	9.2	66.5	38.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	104	11.3	70.0	41.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	105	5.7	58.0	33.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	106	10.7	71.0	40.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	107	11.1	70.5	41.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	108	12.4	72.0	44.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	109	11.0	71.0	40.0	m	y	p	20	nc	no
Thurs	6/25	wheel	king	110	10.2	70.0	40.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	111	6.0	85.5	33.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	112	12.4	72.5	42.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	113	11.4	71.0	41.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	114	10.5	70.0	39.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	115	12.0	74.0	41.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	116	11.0	70.0	40.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	117	12.6	73.0	43.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	118	11.3	71.5	41.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	119	11.7	74.0	41.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	120	10.2	69.0	39.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	121	12.9	76.0	42.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	122	16.1	82.0	45.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	123	24.0	88.5	53.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	124	17.4	82.5	48.0	f	y	n	0	nc	no
Thurs	6/25	wheel	king	125	19.5	86.0	48.5	f	y	n	0	nc	no
Thurs	6/25	wheel	king	126	15.3	80.5	44.5	f	y	n	0	nc	no
Thurs	6/25	wheel	king	127	14.6	74.0	45.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	128	16.2	78.5	45.5	f	y	n	0	nc	no
Thurs	6/25	wheel	king	129	17.3	81.0	46.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	130	25.4	88.0	55.0	m	y	n	0	nc	no
Thurs	6/25	wheel	king	131	23.0	89.0	52.5	m	y	n	0	nc	no
Thurs	6/25	wheel	king	132	21.5	88.5	51.5	f	y	n	0	nc	no
Thurs	6/25	wheel	king	133	23.1	88.0	53.5	f	y	n	0	nc	no
Fri	6/26	wheel	king	134	30.2	92.0	57.0	f	y	n	0	nc	no
Fri	6/26	wheel	king	135	21.5	86.5	52.0	m	y	n	0	nc	no
Fri	6/26	wheel	king	136	23.4	87.5	53.5	f	y	n	0	nc	no
Fri	6/26	wheel	king	137	24.5	91.0	54.5	f	y	n	0	nc	no
Fri	6/26	wheel	king	138	28.1	90.5	57.0	m	y	n	0	nc	no
Fri	6/26	wheel	king	139	17.6	80.5	48.5	m	y	n	0	nc	no
Fri	6/26	wheel	king	140	16.7	80.0	47.5	m	y	n	0	nc	no
Fri	6/26	wheel	king	141	18.3	83.5	48.0	m	y	n	0	nc	no
Fri	6/26	wheel	king	142	11.9	72.5	41.0	m	y	n	0	nc	no
Fri	6/26	wheel	king	143	11.4	70.0	41.5	m	y	n	0	nc	no

Fri	6/26	wheel	king	144	10.0	69.5	39.0	m	y	n	0	nc	no
Fri	6/26	wheel	king	145	10.2	67.5	40.0	m	y	p	30	nc	no
Fri	6/26	wheel	king	146	10.1	68.5	40.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	147	12.9	76.5	42.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	148	17.8	78.5	49.5	m	y	n	0	nc	no
Sat	6/27	wheel	king	149	25.0	91.5	54.5	f	y	n	0	nc	no
Sat	6/27	wheel	king	150	28.5	93.0	57.0	f	y	n	0	nc	no
Sat	6/27	wheel	king	151	9.4	68.0	37.5	m	y	n	0	nc	no
Sat	6/27	wheel	king	152	19.3	83.0	50.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	153	11.1	70.5	41.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	154	12.3	72.0	42.5	m	y	n	0	nc	no
Sat	6/27	wheel	king	155	18.5	84.0	49.0	f	y	n	0	nc	no
Sat	6/27	wheel	king	156	11.0	70.5	40.5	m	y	n	0	nc	no
Sat	6/27	wheel	king	157	9.4	67.0	38.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	158	11.1	70.0	41.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	159	8.3	68.0	35.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	160	10.1	68.5	39.5	m	y	n	0	nc	no
Sat	6/27	wheel	king	161	8.5	64.5	37.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	162	9.2	65.5	38.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	163	16.1	78.5	46.0	f	y	n	0	nc	no
Sat	6/27	wheel	king	164	7.8	63.0	36.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	165	20.6	87.0	50.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	166	26.0	94.0	54.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	167	15.7	82.0	45.0	f	y	p	10	nc	no
Sat	6/27	wheel	king	168	12.1	72.0	42.5	m	y	p	25	nc	no
Sat	6/27	wheel	king	169	26.0	94.0	55.5	f	y	n	0	nc	no
Sat	6/27	wheel	king	170	17.5	84.0	45.5	m	y	n	0	nc	no
Sat	6/27	wheel	king	171	13.8	78.0	42.0	m	y	n	0	nc	no
Sat	6/27	wheel	king	172	11.0	70.5	40.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	173	7.4	62.0	34.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	174	7.6	61.5	36.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	175	7.6	61.0	35.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	176	8.9	65.5	37.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	177	6.8	60.5	34.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	178	11.5	72.0	40.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	179	5.7	56.5	32.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	180	11.6	71.0	42.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	181	5.1	55.5	31.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	182	11.4	71.0	41.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	183	10.0	70.0	37.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	184	7.4	59.5	37.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	185	13.0	73.5	43.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	186	14.3	76.5	44.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	187	13.2	76.0	43.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	188	21.5	87.5	51.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	189	26.3	93.5	53.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	190	18.2	81.0	49.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	191	27.9	92.0	55.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	192	29.3	96.0	58.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	193	23.1	88.5	53.5	f	y	p	5	nc	no
Sun	6/28	wheel	king	194	19.0	85.0	47.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	195	30.6	99.0	57.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	196	17.4	79.5	47.5	f	y	n	0	nc	no
Sun	6/28	wheel	king	197	15.4	79.5	46.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	198	17.7	85.0	48.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	199	22.4	86.0	52.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	200	29.9	95.5	59.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	201	23.2	88.0	53.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	202	13.4	74.5	43.0	m	y	p	150	nc	AYK 1
Sun	6/28	wheel	king	203	16.5	81.5	46.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	204	11.7	72.5	41.5	m	y	p	20	nc	no
Sun	6/28	wheel	king	205	10.5	70.5	37.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	206	6.1	57.5	33.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	207	7.3	62.0	36.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	208	6.2	58.5	33.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	209	8.9	64.0	39.0	m	y	p	5	nc	no
Sun	6/28	wheel	king	210	11.9	73.0	41.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	211	12.0	73.5	41.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	212	7.3	62.5	35.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	213	11.2	72.5	40.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	214	15.7	76.5	47.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	215	11.4	71.0	41.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	216	15.1	80.5	43.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	217	19.0	82.0	50.5	f	y	n	0	nc	no
Sun	6/28	wheel	king	218	9.5	63.0	40.0	m	y	n	0	nc	no

Sun	6/28	wheel	king	219	18.6	85.0	48.0	f	y	n	0	nc	no
Sun	6/28	wheel	king	220	14.3	76.5	43.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	221	8.6	65.0	38.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	222	5.6	57.0	32.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	223	11.5	72.0	41.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	224	9.7	67.0	39.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	225	11.3	68.0	43.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	226	7.2	58.5	36.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	227	6.4	58.0	34.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	228	12.3	76.0	41.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	229	10.3	67.5	40.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	230	7.4	60.0	37.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	231	14.7	77.0	43.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	232	8.9	66.0	36.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	233	5.2	55.5	36.5	m	y	n	0	nc	no
Sun	6/28	wheel	king	234	8.5	63.0	38.0	m	y	n	0	nc	no
Sun	6/28	wheel	king	235	12.2	69.5	42.5	m	n	p	200	nc	AYK 2
Sun	6/28	wheel	king	236	10.6	70.0	38.0	m	n	p	30	nc	AYK 3
Sun	6/28	wheel	king	237	11.5	71.5	41.5	m	n	n	0	nc	no
Sun	6/28	wheel	king	238	15.2	77.0	45.5	m	n	n	0	nc	no
Sun	6/28	wheel	king	239	10.5	69.5	39.0	m	n	n	0	nc	no
Mon	6/29	wheel	king	240	23.8	89.0	53.5	f	y	n	0	nc	no
Mon	6/29	wheel	king	241	22.1	88.5	51.5	f	y	n	0	nc	no
Mon	6/29	wheel	king	242	19.6	86.0	48.5	f	y	n	0	nc	no
Mon	6/29	wheel	king	243	20.9	86.0	50.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	244	28.1	94.5	55.0	f	y	n	0	nc	no
Mon	6/29	wheel	king	245	27.6	93.0	56.5	f	y	n	0	nc	no
Mon	6/29	wheel	king	246	26.7	92.5	55.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	247	19.0	85.5	49.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	248	10.1	69.0	39.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	249	11.9	71.0	38.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	250	12.2	73.5	41.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	251	6.5	58.5	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	252	12.9	74.5	42.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	253	9.2	68.0	38.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	254	5.9	60.5	32.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	255	14.3	76.5	45.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	256	12.3	73.0	42.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	257	4.6	55.5	29.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	258	5.9	60.0	31.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	259	15.8	76.5	46.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	260	8.3	63.5	37.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	261	14.4	78.0	43.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	262	13.3	76.0	48.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	263	5.8	57.0	32.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	264	6.3	58.0	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	265	8.4	65.5	37.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	266	7.0	62.0	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	267	12.5	73.5	41.5	m	y	p	5	nc	no
Mon	6/29	wheel	king	268	9.5	66.5	37.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	269	7.4	52.0	35.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	270	12.7	74.0	42.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	271	7.1	61.0	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	272	14.5	79.5	44.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	273	8.0	66.0	35.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	274	11.9	71.5	41.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	275	7.1	61.0	35.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	276	8.5	64.0	37.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	277	7.2	60.0	35.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	278	6.2	58.5	34.0	m	n	n	0	nc	no
Mon	6/29	wheel	king	279	5.3	56.0	32.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	280	7.7	64.0	37.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	281	7.7	61.0	37.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	282	6.7	59.5	35.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	283	6.7	60.0	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	284	5.8	56.5	32.5	m	y	n	0	nc	no
Mon	6/29	wheel	king	285	5.2	54.0	32.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	286	6.0	59.0	33.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	287	5.1	55.5	31.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	288	9.2	65.0	39.5	m	y	p	25	nc	no
Mon	6/29	wheel	king	289	6.1	57.5	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	290	6.1	58.0	34.0	m	y	n	0	nc	no
Mon	6/29	wheel	king	291	6.3	58.0	35.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	292	5.9	58.0	32.5	m	y	n	0	nc	no
Tues	6/30	wheel	king	293	9.0	65.5	39.0	m	y	n	0	nc	no

Tues	6/30	wheel	king	294	10.0	69.0	40.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	295	23.6	91.5	52.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	296	6.7	60.5	33.5	m	y	n	0	nc	no
Tues	6/30	wheel	king	297	17.6	76.5	49.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	298	5.9	58.0	33.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	299	6.6	56.0	35.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	300	5.4	55.0	31.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	301	15.9	79.0	46.5	f	y	p	1000	nc	AYK 4
Tues	6/30	wheel	king	302	9.1	64.5	38.5	m	y	n	0	nc	no
Tues	6/30	wheel	king	303	5.6	56.0	33.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	304	7.0	60.0	35.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	305	6.3	57.0	34.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	306	5.1	56.5	30.5	m	y	n	0	nc	no
Tues	6/30	wheel	king	307	15.7	79.0	45.5	m	y	n	0	nc	no
Tues	6/30	wheel	king	308	6.5	57.5	34.0	m	y	p	30	nc	AYK 5
Tues	6/30	wheel	king	309	8.6	62.0	37.0	m	y	p	10	nc	no
Tues	6/30	wheel	king	310	7.5	61.5	35.5	m	y	n	0	nc	no
Tues	6/30	wheel	king	311	8.5	66.0	37.0	m	y	n	0	nc	no
Tues	6/30	wheel	king	312	10.2	68.0	39.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	313	8.1	65.5	36.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	314	10.8	72.0	40.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	315	12.2	75.5	42.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	316	11.3	73.0	41.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	317	14.5	79.0	43.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	318	8.5	67.0	36.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	319	10.1	68.5	39.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	320	8.3	66.5	35.5	m	y	p	6	nc	no
Wed	7/1	wheel	king	321	10.1	69.5	38.5	m	y	p	1000	nc	AYK 6
Wed	7/1	wheel	king	322	18.4	84.0	49.0	f	y	n	0	nc	no
Wed	7/1	wheel	king	323	11.9	70.0	42.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	324	16.7	80.5	46.5	f	y	n	0	nc	no
Wed	7/1	wheel	king	325	10.1	71.5	38.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	326	14.0	76.5	43.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	327	14.5	80.0	42.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	328	6.3	59.5	32.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	329	3.9	51.0	28.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	330	8.1	66.0	35.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	331	14.8	78.0	44.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	332	5.1	55.0	30.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	333	23.1	91.0	51.5	f	y	n	0	nc	no
Wed	7/1	wheel	king	334	7.4	63.0	35.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	335	5.9	57.0	33.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	336	5.1	55.0	31.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	337	25.5	93.5	52.5	f	y	n	0	nc	no
Wed	7/1	wheel	king	338	11.9	71.0	42.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	339	9.4	69.0	38.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	340	10.2	68.5	39.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	341	5.8	57.0	33.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	342	9.7	69.5	38.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	343	5.3	56.5	31.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	344	14.8	76.5	45.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	345	7.3	61.0	36.5	m	y	n	0	nc	no
Wed	7/1	wheel	king	346	9.7	62.5	39.0	m	y	n	0	nc	no
Wed	7/1	wheel	king	347	6.5	58.0	34.0	m	y	n	0	nc	no
Thurs	7/2	test	king	348	7.4								
Thurs	7/2	test	king	349	10.1								
Thurs	7/2	test	king	350	16.0								
Thurs	7/2	test	king	351	7.7								
Thurs	7/2	test	king	352	13.5								
Thurs	7/2	test	king	353	25.1								
Thurs	7/2	test	king	354	14.1								
Thurs	7/2	test	king	355	8.2								
Thurs	7/2	test	king	356	17.2								
Thurs	7/2	test	king	357	10.6								
Thurs	7/2	test	king	358	9.3								
Thurs	7/2	test	king	359	10.5								
Thurs	7/2	test	king	360	14.8								
Thurs	7/2	test	king	361	18.8								
Thurs	7/2	test	king	362	16.7								
Thurs	7/2	test	king	363	23.0								
Thurs	7/2	test	king	364	22.1								
Fri	7/3	test	king	365	17.0								
Fri	7/3	test	king	366	6.2								
Fri	7/3	test	king	367	11.1								
Fri	7/3	test	king	368	17.3								

King that are marked "test" in the **Fisher** column and are minus much of the data are those taken under special permit during closed season. Normally all of our data comes out of the subsistence fishery but this year because so much of the run is closed this is not possible. We considered it extremely important to get data from times such as the first pulse when a significant section of the run was protected from all fishing all the way to the border.

All these king were caught in a padded fish friendly wheel and caught in a specially made net basket right off the chute. Weighed while in the basket they were immediately released to the river seconds after being netted. Lack of all other data is to make their release as quick as possible.

Average weight 7/2 and 7/3
14.1 lbs

Sat	7/4	wheel	king	369	14.5	77.5	45.5	f	y	n	0	nc	no
Sat	7/4	wheel	king	370	18.7	81.5	48.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	371	17.7	81.0	49.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	372	13.0	73.0	42.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	373	11.4	74.0	39.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	374	12.5	72.5	41.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	375	17.8	81.0	49.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	376	20.4	84.5	49.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	378	15.9	80.0	46.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	379	10.7	68.0	40.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	380	12.9	74.0	43.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	381	12.8	75.0	42.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	382	23.3	87.5	53.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	383	12.6	73.0	41.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	384	13.3	76.0	42.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	385	17.7	82.0	46.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	386	32.2	96.0	60.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	387	7.0	62.0	23.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	388	10.4	67.5	39.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	389	7.1	60.0	35.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	390	31.7	94.0	61.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	391	21.2	84.0	51.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	392	9.6	65.5	38.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	394	16.7	82.0	45.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	395	11.0	96.0	42.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	396	10.4	70.5	40.0	m	y	p	25	nc	no
Sat	7/4	wheel	king	397	9.0	66.5	37.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	398	23.2	87.5	52.5	f	y	n	0	nc	no
Sat	7/4	wheel	king	399	8.3	62.0	38.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	400	17.3	78.5	46.0	f	y	p	1000	nc	AYK 7
Sat	7/4	wheel	king	401	10.9	72.5	38.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	402	12.2	75.0	40.0	m	y	n	1	nc	no
Sat	7/4	wheel	king	403	12.7	75.0	41.9	m	y	n	0	nc	no
Sat	7/4	wheel	king	404	22.7	90.0	52.0	f	y	p	2000	nc	AYK 8
Sat	7/4	wheel	king	405	10.0	68.0	39.0	m	y	p	90	nc	AYK 9
Sat	7/4	wheel	king	406	10.8	71.0	40.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	407	10.2	67.0	40.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	408	19.1	84.5	48.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	409	16.9	80.0	46.5	f	y	p	1000	nc	AYK 10
Sat	7/4	wheel	king	410	9.9	64.0	40.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	411	16.5	81.0	45.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	412	11.7	73.0	40.5	m	y	p	3	nc	no
Sat	7/4	wheel	king	413	10.9	70.5	40.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	414	13.4	75.0	43.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	415	16.3	80.0	45.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	416	18.5	81.5	48.5	f	y	n	0	nc	no
Sat	7/4	wheel	king	417	19.2	85.0	46.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	418	13.4	74.0	42.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	419	2.3	42.0	23.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	420	27.5	93.0	56.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	421	19.2	85.5	47.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	422	16.8	77.0	47.5	f	y	n	0	nc	no
Sat	7/4	wheel	king	423	23.0	86.0	52.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	424	23.8	86.0	52.5	f	y	n	0	nc	no
Sat	7/4	wheel	king	425	7.8	64.5	36.0	m	y	n	0	nc	no
Sat	7/4	wheel	king	426	23.1	90.0	53.0	f	y	n	0	nc	no
Sat	7/4	wheel	king	427	22.0	85.5	51.5	f	y	n	0	nc	no
Sat	7/4	wheel	king	428	18.9	82.5	48.5	m	y	n	0	nc	no
Sat	7/4	wheel	king	429	6.8	59.0	34.0	m	y	n	0	nc	no
Sun	7/5	test	king	430	20.5								
Sun	7/5	test	king	431	7.6								
Sun	7/5	test	king	432	25.0								
Sun	7/5	test	king	433	13.6								
Mon	7/6	test	king	434	13.8								
Mon	7/6	test	king	435	20.5								
Mon	7/6	test	king	436	17.0								
Mon	7/6	test	king	437	10.3								
Mon	7/6	test	king	438	13.7								
Mon	7/6	test	king	439	11.6								
Mon	7/6	test	king	440	16.7								
Mon	7/6	test	king	441	11.5								
Mon	7/6	test	king	442	10.1								
Mon	7/6	test	king	443	6.6								
Mon	7/6	test	king	444	15.3								
Mon	7/6	test	king	445	6.5								

Mon	7/6	test	king	446	25.6														
Mon	7/6	test	king	447	18.5														
Mon	7/6	test	king	448	8.1														
Mon	7/6	test	king	449	10.3														
Mon	7/6	test	king	450	23.0														
Mon	7/6	test	king	451	6.0														
Tues	7/7	test	King	452	9.3														
Tues	7/7	test	King	453	10.1														
Tues	7/7	test	King	454	7.6														
Tues	7/7	test	King	455	11.1														
Tues	7/7	test	King	456	6.9														
Tues	7/7	test	King	457	23.2														
Tues	7/7	test	King	458	6.4														
Tues	7/7	test	King	459	6.3														
Tues	7/7	test	King	460	11.6														
Tues	7/7	test	King	461	30.2														
Tues	7/7	test	King	462	10.7														
Tues	7/7	test	King	463	12.5														
Tues	7/7	test	King	464	7.3														
Tues	7/7	test	King	465	11.1														
Tues	7/7	test	King	466	19.2														
Tues	7/7	test	King	467	17.7														
Wed	7/8	test	king	468	21.2														
Wed	7/8	test	king	469	19.9														
Wed	7/8	test	king	470	8.2														
Wed	7/8	test	king	471	6.3														
Wed	7/8	test	king	472	19.2														
Wed	7/8	test	king	473	11.4														
Wed	7/8	test	king	474	26.2														
Wed	7/8	test	king	475	7.7														
Wed	7/8	test	king	476	29.7														
Wed	7/8	test	king	477	8.2														
Wed	7/8	test	king	478	13.4														
Wed	7/8	test	king	479	5.8														
Wed	7/8	test	king	480	6.9														
Wed	7/8	test	king	481	12.3														
Wed	7/8	test	king	482	21.9														
Wed	7/8	test	king	483	7.9														
Thurs	7/9	test	king	484	29.6														
Thurs	7/9	test	king	485	21.2														
Thurs	7/9	test	king	486	13.5														
Thurs	7/9	test	king	487	7.3														
Thurs	7/9	test	king	488	11.7														
Thurs	7/9	test	king	489	13.9														
Thurs	7/9	test	king	490	22.3														
Thurs	7/9	test	king	491	12.6														
Thurs	7/9	test	king	492	12.9														
Thurs	7/9	test	king	493	18.9														
Thurs	7/9	test	king	494	16.4														
Thurs	7/9	test	king	495	5.5														
Thurs	7/9	test	king	496	5.1														
Thurs	7/9	test	king	497	16.0														
Thurs	7/9	test	king	498	7.5														
Fri	7/10	test	king	499	6.2														
Fri	7/10	test	king	500	15.5														
Fri	7/10	test	king	501	12.9														
Fri	7/10	test	king	502	16.4														
Fri	7/10	test	king	503	21.2														
Fri	7/10	test	king	504	32.1														
Fri	7/10	test	king	505	9.5														
Fri	7/10	test	king	506	19.0														
Fri	7/10	test	king	507	9.7														
Fri	7/10	test	king	508	20.4														
Fri	7/10	test	king	509	12.6														
Fri	7/10	test	king	510	18.5														
Fri	7/10	test	king	511	15.9														
Fri	7/10	test	king	512	18.4														
Fri	7/10	test	king	513	17.2														
Fri	7/10	test	king	514	6.9														
Fri	7/10	test	king	515	9.0														
Fri	7/10	test	king	516	14.5														
Fri	7/10	test	king	517	8.4														
Fri	7/10	test	king	518	18.0														
Fri	7/10	test	king	519	13.4														
Sun	7/12	test	king	520	20.4														

Average weight 7/7
12.6 lbs

Average weight 7/8
14.1 lbs

Average weight 7/9
14.3 lbs

Average weight 7/9
15.0 lbs

Sun	7/12	test	king	521	4.2								
Sun	7/12	test	king	522	7.5								
Sun	7/12	test	king	523	12.9								
Sun	7/12	test	king	524	23.3								
Sun	7/12	test	king	525	20.0								
Sun	7/12	test	king	526	14.2								
Sun	7/12	test	king	527	6.9								
Sun	7/12	test	king	528	8.8								
Sun	7/12	test	king	529	17.8								
Sun	7/12	test	king	530	15.2								
Sun	7/12	test	king	531	8.0								
Sun	7/12	test	king	532	8.6								
Sun	7/12	test	king	533	3.1								
Sun	7/12	test	king	534	5.0								
Sun	7/12	test	king	535	9.5								
Mon	7/13	test	king	536	13.0								
Mon	7/13	test	king	537	21.2								
Mon	7/13	test	king	538	5.3								
Mon	7/13	test	king	539	5.7								
Mon	7/13	test	king	540	4.6								
Mon	7/13	test	king	541	20.7								
Mon	7/13	test	king	542	13.3								
Wed	7/15	wheel	king	543	6.7	60.5	33.5	m	y	n	o	nc	no
Wed	7/15	wheel	king	544	7.9	63.0	35.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	545	5.7	58.5	31.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	546	7.3	61.0	36.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	547	5.6	57.5	31.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	548	9.8	68.0	37.5	m	y	n	o	nc	no
Wed	7/15	wheel	king	549	14.9	79.0	44.0	f	y	n	o	nc	no
Wed	7/15	wheel	king	550	6.5	60.0	33.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	551	3.9	51.5	27.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	552	5.7	58.0	32.5	m	y	n	o	nc	no
Wed	7/15	wheel	king	553	5.6	57.0	31.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	554	7.0	61.5	33.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	555	5.8	56.0	32.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	556	8.6	64.5	36.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	557	7.5	62.5	35.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	558	16.3	81.0	44.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	559	10.1	69.0	38.5	m	y	p	6	nc	no
Wed	7/15	wheel	king	560	10.9	71.5	39.5	m	y	n	o	nc	no
Wed	7/15	wheel	king	561	11.4	42.5	40.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	562	14.5	79.0	43.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	563	19.0	86.5	49.0	f	y	n	o	nc	no
Wed	7/15	wheel	king	564	15.7	81.0	43.5	m	y	n	o	nc	no
Wed	7/15	wheel	king	565	26.3	94.5	55.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	566	16.1	83.5	43.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	567	22.4	88.0	52.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	568	25.0	90.0	54.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	569	22.1	86.0	51.0	f	y	n	o	nc	no
Wed	7/15	wheel	king	570	25.2	89.0	52.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	571	22.0	88.5	51.0	f	y	n	o	nc	no
Wed	7/15	wheel	king	572	17.2	84.0	46.0	f	y	n	o	nc	no
Wed	7/15	wheel	king	573	17.1	83.5	46.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	574	17.5	82.0	47.5	m	y	n	o	nc	no
Wed	7/15	wheel	king	575	17.6	82.0	44.0	m	y	n	o	nc	no
Wed	7/15	wheel	king	576	15.8	80.0	43.5	f	y	n	o	nc	no
Wed	7/15	wheel	king	577	29.6	96.5	54.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	578	5.9	57.0	32.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	579	5.0	54.5	30.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	580	4.9	56.0	29.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	581	8.9	67.5	36.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	582	5.4	58.5	31.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	583	4.2	63.5	38.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	584	6.8	61.5	32.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	585	8.4	65.0	35.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	586	10.6	67.5	39.5	f	y	n	o	nc	no
Thurs	7/16	wheel	king	587	11.4	72.0	40.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	588	6.1	56.0	32.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	589	9.8	64.5	38.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	590	10.2	69.5	39.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	591	4.3	52.5	28.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	592	9.6	69.5	38.0	m	y	p	1000	nc	no
Thurs	7/16	wheel	king	593	8.0	64.5	35.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	594	5.7	57.5	31.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	595	8.6	68.0	36.0	m	y	n	o	nc	no

Thurs	7/16	wheel	king	596	6.9	60.5	33.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	597	4.3	53.5	28.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	598	9.8	68.0	38.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	599	7.5	72.5	40.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	600	11.7	73.0	39.0	m	y	n	o	nc	no
Thurs	7/16	wheel	king	601	7.5	62.0	34.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	602	6.2	68.0	32.5	m	y	n	o	nc	no
Thurs	7/16	wheel	king	603	13.3	79.0	40.0	m	y	p	100	nc	no
Thurs	7/16	wheel	king	604	19.1	83.0	49.0	f	y	n	o	nc	no
Thurs	7/16	wheel	king	605	15.2	79.5	44.5	f	y	n	o	nc	no
Thurs	7/16	wheel	king	606	21.0	87.5	51.5	f	y	p	150	nc	no
Thurs	7/16	wheel	king	607	21.1	87.0	51.0	f	y	n	o	nc	no
Thurs	7/16	wheel	king	608	17.9	84.5	47.5	f	n	n	o	nc	no
Thurs	7/16	wheel	king	609	16.0	80.5	46.5	m	y	p	3000	nc	no
Thurs	7/16	wheel	king	610	20.1	87.0	49.0	m	n	n	o	nc	no
Thurs	7/16	wheel	king	611	21.4	88.5	49.5	f	n	n	o	nc	no
Thurs	7/16	wheel	king	612	24.6	89.5	53.5	m	n	p	1000	nc	no
Thurs	7/16	wheel	king	613	16.5	79.5	46.5	m	n	n	o	nc	no
Thurs	7/16	wheel	king	614	14.7	78.0	43.0	m	n	n	o	nc	no
Thurs	7/16	wheel	king	615	14.9	78.5	44.5	m	n	n	o	nc	no
Thurs	7/16	wheel	king	616	21.7	87.0	51.0	f	n	n	o	nc	no
Thurs	7/16	wheel	king	617	24.3	89.0	54.0	f	n	n	o	nc	no
Thurs	7/16	wheel	king	618	27.1	93.5	57.0	f	n	p	1000	nc	no
Thurs	7/16	wheel	king	619	37.1	98.5	63.0	m	n	n	o	nc	no
Sat	7/18	wheel	king	620	1.4	36.0	19.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	621	1.6	36.5	21.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	622	6.6	59.5	37.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	623	7.5	61.0	35.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	624	11.4	75.0	38.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	625	7.4	63.0	33.5	m	y	n	o	nc	no
Sat	7/18	wheel	king	626	11.2	72.5	40.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	627	16.7	80.5	46.5	f	y	n	o	nc	no
Sat	7/18	wheel	king	628	9.2	65.5	38.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	629	18.7	85.0	49.0	f	y	n	o	nc	no
Sat	7/18	wheel	king	630	20.6	86.0	50.5	f	y	n	o	nc	no
Sat	7/18	wheel	king	631	6.9	60.0	33.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	632	9.5	66.5	37.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	633	18.0	82.0	47.0	f	y	n	o	nc	no
Sat	7/18	wheel	king	634	23.8	90.5	51.5	f	y	p	300	nc	no
Sat	7/18	wheel	king	635	26.3	94.0	55.0	f	y	p	40	nc	no
Sat	7/18	wheel	king	636	28.6	97.5	59.0	f	y	n	o	nc	no
Sat	7/18	wheel	king	637	6.2	50.0	31.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	638	8.1	64.0	34.5	m	y	n	o	nc	no
Sat	7/18	wheel	king	639	6.8	59.5	33.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	640	7.4	60.0	35.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	641	15.3	81.0	43.0	f	y	p	500	nc	AYK 11
Sat	7/18	wheel	king	642	18.7	86.5	47.5	f	y	n	o	nc	no
Sat	7/18	wheel	king	643	6.3	59.5	32.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	644	21.2	88.5	52.0	f	y	n	o	nc	no
Sat	7/18	wheel	king	645	7.3	63.5	33.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	646	11.8	71.0	39.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	647	26.7	93.5	65.0	f	y	p	300	nc	no
Sat	7/18	wheel	king	648	14.9	80.5	43.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	649	8.1	67.0	35.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	650	9.8	68.5	37.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	651	11.6	69.5	41.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	652	11.5	71.5	40.5	m	y	n	o	nc	no
Sat	7/18	wheel	king	653	9.3	63.0	37.5	m	y	n	o	nc	no
Sat	7/18	wheel	king	654	7.2	61.5	33.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	655	7.0	61.5	32.5	m	y	n	o	nc	no
Sat	7/18	wheel	king	656	11.1	71.5	40.0	m	y	p	50	nc	no
Sat	7/18	wheel	king	657	15.9	81.0	44.5	f	y	p	100	nc	no
Sat	7/18	wheel	king	658	11.4	77.5	40.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	659	7.2	62.0	33.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	660	13.5	74.5	43.0	m	y	n	o	nc	no
Sat	7/18	wheel	king	661	19.7	87.0	48.0	f	y	p	100	nc	no
Sat	7/18	wheel	king	662	23.0	91.0	51.0	m	y	p	1000	nc	AYK 12
Sun	7/19	wheel	king	663	9.2	67.0	37.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	664	9.5	67.0	36.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	665	10.2	60.5	39.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	666	5.4	56.8	30.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	667	8.2	64.0	36.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	668	7.0	61.5	33.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	669	12.9	74.0	43.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	670	10.4	72.5	37.5	m	y	n	o	nc	no

Sun	7/19	wheel	king	671	8.7	69.5	35.0	m	y	p	50	nc	no
Sun	7/19	wheel	king	672	17.6	85.0	48.0	f	y	p	150	nc	no
Sun	7/19	wheel	king	673	14.6	75.0	43.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	674	19.6	87.0	50.0	f	y	n	o	nc	no
Sun	7/19	wheel	king	675	12.4	73.0	42.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	676	10.4	71.5	39.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	677	14.8	79.5	44.0	f	y	n	o	nc	no
Sun	7/19	wheel	king	678	9.2	69.0	37.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	679	6.9	60.5	33.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	680	6.0	54.0	32.0	m	y	n	o	nc	no
Sun	7/19	wheel	king	681	10.9	72.5	39.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	682	6.7	60.0	33.5	m	y	n	o	nc	no
Sun	7/19	wheel	king	683	32.3	97.0	59.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	684	18.0	82.0	48.0	f	y	p	500	nc	no
Wed	7/22	wheel	king	685	6.0	60.5	32.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	686	14.3	77.0	44.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	687	14.9	79.5	43.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	688	19.5	84.5	49.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	689	22.4	91.5	49.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	690	12.4	76.5	39.5	f	y	p	1000	nc	AYK 13
Wed	7/22	wheel	king	691	15.3	82.0	44.0	f	y	p	50	nc	no
Wed	7/22	wheel	king	692	25.9	92.5	54.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	693	21.1	89.5	49.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	694	10.9	69.5	40.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	695	23.2	91.5	52.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	696	16.9	80.5	45.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	697	24.2	92.5	51.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	698	21.9	88.5	50.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	699	18.8	83.5	48.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	700	19.1	87.5	46.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	701	16.7	81.5	44.5	f	y	p	20	nc	no
Wed	7/22	wheel	king	702	24.7	89.0	55.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	703	13.1	76.5	41.5	m	y	p	15	nc	no
Wed	7/22	wheel	king	704	6.6	60.5	32.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	705	24.6	90.5	53.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	706	24.0	91.5	52.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	707	15.4	80.5	44.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	708	15.8	92.5	43.5	f	y	n	o	nc	no
Wed	7/22	wheel	king	709	15.3	79.5	43.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	710	9.7	66.5	38.0	f	y	p	50	nc	no
Wed	7/22	wheel	king	711	7.2	63.5	33.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	712	6.7	61.5	31.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	713	4.3	51.0	29.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	714	11.9	71.5	41.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	715	32.3	98.5	58.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	716	18.6	85.0	50.0	f	y	p	11	nc	no
Wed	7/22	wheel	king	717	17.0	80.5	49.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	718	17.7	82.5	48.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	719	19.6	86.0	50.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	720	17.4	82.0	47.0	m	y	p	1000	nc	no
Wed	7/22	wheel	king	721	15.8	81.0	46.0	f	y	n	o	nc	no
Wed	7/22	wheel	king	722	7.8	63.0	36.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	723	3.9	59.0	28.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	724	5.3	57.0	32.0	m	y	n	o	nc	no
Wed	7/22	wheel	king	725	5.0	55.0	29.5	m	y	n	o	nc	no
Wed	7/22	wheel	king	726	5.9	59.0	32.0	m	y	n	o	nc	no
Thurs	7/23	wheel	king	727	13.6	77.5	41.5	m	y	n	o	nc	no
Thurs	7/23	wheel	king	728	26.2	91.5	55.5	f	y	p	1000	nc	no
Thurs	7/23	wheel	king	729	25.4	92.0	53.5	m	y	n	o	nc	no
Thurs	7/23	wheel	king	730	9.1	67.0	36.5	m	y	n	o	nc	no
Thurs	7/23	wheel	king	731	21.9	87.5	51.0	m	y	n	o	nc	no
Thurs	7/23	wheel	king	732	4.7	65.0	29.5	m	y	n	o	nc	no
Thurs	7/23	wheel	king	733	21.6	89.5	50.5	f	y	n	o	nc	no
Thurs	7/23	wheel	king	734	20.7	90.0	49.5	f	y	n	o	nc	no
Thurs	7/23	wheel	king	735	5.7	58.5	31.0	m	y	n	o	nc	no
Thurs	7/23	wheel	king	736	23.4	88.5	54.0	f	y	n	o	nc	no
Thurs	7/23	wheel	king	737	14.6	79.5	41.5	m	y	n	o	nc	no
Thurs	7/23	wheel	king	738	19.0	84.0	47.5	f	y	n	o	nc	no
Thurs	7/23	wheel	king	739	16.1	77.5	45.0	m	y	p	200	nc	no
Thurs	7/23	wheel	king	740	18.5	84.5	48.0	f	y	n	o	nc	no
Thurs	7/23	wheel	king	741	16.1	82.0	45.5	f	y	n	o	nc	no
Sat	7/25	wheel	king	742	24.9	95.0	53.5	f	y	n	o	nc	no
Sat	7/25	wheel	king	743	18.5	86.0	47.0	m	y	n	o	nc	no
Sat	7/25	wheel	king	744	23.0	90.0	55.0	f	y	n	o	nc	no
Sat	7/25	wheel	king	745	17.2	84.0	45.5	f	y	n	o	nc	no

[illegible]

2010 Rapids Student Data Collection Project - Main Raw Data Sheet

Past project data reports and related project info available at www.RapidsResearch.com (Student Project Data page)

AYK SSI Funded - R&E Video Fishwheel Project, Tanana Tribal Council and Rapids Research Supported

Data Edition: May 12, 2011

										ICHTHYOPHONUS			AYK SSI
										ADF&G	3 spots or more = pos.		Culture
Day	Date	Fisher	Species	Fish	Weight	Length	Girth	Sex	Fin Clip	Heart	# spots	Flesh	AYK + Vial # + R / P
				#	(tenths)	(.5 cm)	(.5 cm)	m / F	y / n	(p - Pos), (n - Neg), (nc - No Check)			
Thurs	6/24	wheel	king	1	9.7	66.5	39	m	n	n	0	nc	no
Fri	6/25	wheel	king	4	10.0	67.0	39.0	m	n	n	0	nc	no
Fri	6/25	wheel	king	5	21.6	87.0	51.5	m	n	n	0	nc	no
Fri	6/25	wheel	king	6	12.1	72.5	41.5	m	n	n	0	nc	no
Sat	6/26	wheel	king	7	6.1	58.5	33.0	m	n	n	0	nc	no
Sat	6/26	wheel	king	8	11.3	72.0	41.0	m	n	n	0	nc	no
Sat	6/26	wheel	king	9	24.5	90.5	53.0	f	y	n	0	nc	no
Sat	6/26	wheel	king	10	20.1	86.0	47.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	11	12.9	75.0	42.0	m	y	n	0	nc	no
Sun	6/27	wheel	king	12	13.5	76.5	43.0	m	y	n	0	nc	no
Sun	6/27	wheel	king	13	19.4	82.5	49.0	f	y	n	0	nc	no
Sun	6/27	wheel	king	14	11.5	71.0	40.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	15	16.2	80.5	45.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	16	12.6	74.0	41.0	m	y	n	0	nc	no
Sun	6/27	wheel	king	17	11.4	70.5	40.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	18	12.7	74.0	41.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	19	11.1	70.5	40.0	m	y	n	0	nc	no
Sun	6/27	wheel	king	20	11.5	71.5	41.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	21	10.9	72.0	40.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	22	10.6	70.5	39.5	m	y	n	0	nc	no
Sun	6/27	wheel	king	23	14.4	75.5	46.0	f	y	n	0	nc	no
Mon	6/28	wheel	king	24	15.9	79.5	46.0	f	y	n	0	nc	no
Mon	6/28	wheel	king	25	9.6	70.5	37.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	26	15.1	81.0	43.5	f	y	n	0	nc	no
Mon	6/28	wheel	king	27	10.4	59.5	40.0	f	y	n	0	nc	no
Mon	6/28	wheel	king	28	13.0	73.5	43.0	m	y	n	0	nc	no
Mon	6/28	wheel	king	29	12.8	72.5	42.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	30	13.2	74.5	42.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	31	13.6	73.0	44.0	m	y	n	0	nc	no
Mon	6/28	wheel	king	32	5.4	55.0	31.5	m	y	p	20	nc	no
Mon	6/28	wheel	king	33	37.8	99.5	64.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	34	11.9	71.0	41.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	35	10.6	68.5	40.0	m	y	n	0	nc	no
Mon	6/28	wheel	king	36	15.8	78.5	46.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	37	11.5	70.0	41.5	m	y	n	0	nc	no
Mon	6/28	wheel	king	38	11.3	72.5	41.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	39	20.5	84.0	51.5	f	y	p	30	nc	no
Tues	6/29	wheel	king	40	13.4	75.5	43.0	f	y	n	0	nc	no
Tues	6/29	wheel	king	41	26.5	92.0	58.0	f	y	n	0	nc	no
Tues	6/29	wheel	king	42	14.1	74.0	45.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	43	11.8	70.5	22.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	44	11.8	72.0	41.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	45	11.2	70.0	41.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	46	6.4	59.5	34.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	47	12.1	72.0	43.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	48	15.5	78.0	45.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	49	11.2	73.5	40.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	50	12.4	73.5	42.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	51	18.0	85.5	49.0	f	y	n	0	nc	no
Tues	6/29	wheel	king	52	14.3	75.5	45.0	f	y	n	0	nc	no
Tues	6/29	wheel	king	53	12.1	71.0	42.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	54	22.1	86.0	53.5	f	y	n	0	nc	no
Tues	6/29	wheel	king	55	12.5	71.5	43.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	56	10.8	70.5	41.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	57	13.8	76.5	44.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	58	13.0	74.5	43.5	m	y	n	0	nc	no
Tues	6/29	wheel	king	59	10.0	67.0	39.0	m	y	n	0	nc	no
Tues	6/29	wheel	king	60	12.2	72.0	42.5	m	y	n	0	nc	no
Wed	6/30	wheel	king	61	37.4	103.0	62.5	f	y	n	0	nc	no
Wed	6/30	wheel	king	62	15.6	77.0	46.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	63	15.5	80.0	46.5	m	y	n	0	nc	no
Wed	6/30	wheel	king	64	28.7	94.5	58.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	65	23.4	90.0	52.5	f	y	n	0	nc	no
Wed	6/30	wheel	king	66	22.0	84.5	55.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	67	24.2	94.0	53.0	f	y	n	0	nc	no
Wed	6/30	wheel	king	68	24.3	96.0	57.5	m	y	n	0	nc	no
Wed	6/30	wheel	king	69	14.4	83.5	50.0	f	y	n	0	nc	no
Wed	6/30	wheel	king	70	17.5	82.0	47.0	m	y	p	300	nc	AYK 1 P

Wed	6/30	wheel	king	71	14.0	77.5	44.0	f	y	n	0	nc	no
Wed	6/30	wheel	king	72	16.8	81.0	48.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	73	13.4	77.0	43.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	74	13.9	75.0	46.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	75	15.4	78.0	47.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	76	13.5	74.0	44.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	77	13.7	73.5	45.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	78	14.8	76.5	45.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	79	13.4	74.5	44.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	80	12.5	75.0	42.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	81	14.4	75.5	46.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	82	12.5	70.0	43.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	83	13.7	73.5	46.0	m	y	n	0	nc	no
Wed	6/30	wheel	king	84	13.1	71.5	44.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	85	12.6	74.5	43.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	86	10.6	69.5	40.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	87	10.0	69.0	38.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	88	11.9	69.5	43.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	89	6.5	59.0	34.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	90	12.8	73.5	44.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	91	11.0	64.0	42.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	92	10.2	67.5	41.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	93	11.3	70.0	42.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	94	6.9	59.0	36.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	95	11.8	73.0	41.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	96	10.8	68.5	41.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	97	13.5	73.5	44.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	98	11.1	72.0	40.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	99	11.9	69.0	40.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	100	9.8	67.0	39.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	101	11.3	70.0	41.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	102	5.1	57.0	30.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	103	7.6	61.0	37.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	104	8.8	66.0	37.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	105	5.5	56.5	33.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	106	8.3	62.0	38.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	107	6.1	57.0	35.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	108	18.9	81.5	49.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	109	7.6	60.0	36.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	110	7.2	59.5	36.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	111	7.2	61.0	34.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	112	10.1	68.5	39.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	113	14.2	77.5	43.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	114	6.4	57.5	34.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	115	11.4	69.0	40.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	116	6.4	58.0	33.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	117	11.7	70.5	42.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	118	7.3	60.0	34.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	119	14.4	77.5	43.5	f	y	n	0	nc	no
Thurs	7/1	wheel	king	120	6.1	56.5	34.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	121	5.4	56.0	33.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	122	20.7	87.5	50.0	f	y	n	0	nc	no
Thurs	7/1	wheel	king	123	16.5	82.0	45.5	f	y	n	0	nc	no
Thurs	7/1	wheel	king	124	9.2	66.5	38.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	125	21.8	88.0	51.0	f	y	n	0	nc	no
Thurs	7/1	wheel	king	126	12.0	71.5	41.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	127	14.3	78.0	44.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	128	13.3	75.0	41.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	129	7.0	60.5	34.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	130	8.1	63.5	35.0	m	y	n	0	nc	no
Thurs	7/1	wheel	king	131	14.1	73.5	43.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	132	10.2	69.5	37.5	m	y	n	0	nc	no
Thurs	7/1	wheel	king	133	14.6	79.0	43.5	f	y	n	0	nc	no
Thurs	7/1	wheel	king	134	10.1	68.5	38.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	135	6.1	55.0	35.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	136	9.7	67.0	39.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	137	6.9	58.0	35.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	138	13.1	72.5	44.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	139	31.7	96.5	59.5	f	y	n	0	nc	no
Fri	7/2	wheel	king	140	13.6	73.0	44.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	141	14.0	75.0	43.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	142	17.2	81.5	46.0	f	y	n	0	nc	no
Fri	7/2	wheel	king	143	16.4	78.5	47.0	f	y	n	0	nc	no
Fri	7/2	wheel	king	144	13.5	74.5	43.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	145	12.3	73.0	41.0	m	y	n	0	nc	no

Fri	7/2	wheel	king	146	11.5	72.0	40.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	147	11.7	72.0	40.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	148	14.2	77.5	43.5	f	y	n	0	nc	no
Fri	7/2	wheel	king	149	7.9	62.0	34.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	150	13.3	77.0	42.0	f	y	n	0	nc	no
Fri	7/2	wheel	king	151	13.0	74.5	42.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	152	5.7	54.5	30.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	153	8.7	62.5	37.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	154	10.8	67.5	39.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	155	12.1	73.5	41.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	156	13.8	73.0	42.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	157	11.9	73.0	39.5	m	y	p	200	nc	AYK 2 P
Fri	7/2	wheel	king	158	12.0	72.5	41.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	159	10.3	70.5	38.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	160	10.6	69.5	39.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	161	10.9	72.5	39.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	162	6.7	59.5	32.5	m	y	n	0	nc	no
Fri	7/2	wheel	king	163	6.5	56.0	33.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	164	5.6	56.0	32.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	165	10.5	68.0	40.0	m	y	n	0	nc	no
Fri	7/2	wheel	king	166	5.4	55.0	30.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	167	14.7	76.0	44.5	f	n	n	0	nc	no
Sat	7/3	wheel	king	168	15.1	77.0	48.5	m	n	n	0	nc	no
Sat	7/3	wheel	king	169	16.7	77.5	47.5	m	n	n	0	nc	no
Sat	7/3	wheel	king	170	15.5	76.5	46.0	m	n	n	0	nc	no
Sat	7/3	wheel	king	171	11.2	71.0	40.0	m	n	n	0	nc	no
Sat	7/3	wheel	king	172	13.5	76.5	43.0	m	n	n	0	nc	no
Sat	7/3	wheel	king	173	7.6	54.5	34.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	174	6.1	57.0	32.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	175	6.5	57.5	33.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	176	5.6	55.0	32.0	m	y	p	10	nc	AYK 3 P
Sat	7/3	wheel	king	177	8.6	61.0	37.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	178	4.5	51.0	30.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	179	12.0	71.0	42.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	180	6.5	57.5	33.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	181	11.2	72.0	39.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	182	7.8	62.0	36.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	183	9.9	67.0	39.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	184	10.2	69.0	37.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	185	10.9	70.0	40.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	186	6.2	59.5	32.0	m	y	p	15	nc	AYK 4 P
Sat	7/3	wheel	king	187	11.3	71.5	40.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	188	6.4	59.5	34.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	189	15.2	79.5	44.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	190	24.9	88.5	55.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	191	14.1	76.0	45.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	192	13.6	75.5	43.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	193	13.9	75.0	44.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	194	17.0	79.5	49.0	f	y	n	0	nc	no
Sat	7/3	wheel	king	195	10.4	68.0	41.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	196	7.1	62.0	37.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	197	10.7	69.0	41.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	198	8.9	66.0	38.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	199	24.9	74.5	53.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	200	15.7	77.0	46.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	201	18.4	84.0	48.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	202	15.3	80.5	45.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	203	19.4	83.0	51.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	204	18.8	84.5	49.0	f	y	p	150	nc	AYK 5 P
Sat	7/3	wheel	king	205	14.6	77.0	46.0	f	y	n	0	nc	no
Sat	7/3	wheel	king	206	12.4	73.5	44.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	207	14.1	74.5	45.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	208	16.9	80.5	49.0	f	y	n	0	nc	no
Sat	7/3	wheel	king	209	14.6	78.0	43.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	210	13.5	75.5	44.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	211	13.6	73.5	45.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	212	7.5	62.0	37.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	213	9.6	68.0	39.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	214	9.1	67.0	39.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	215	10.0	67.5	40.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	216	10.6	70.5	41.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	217	4.5	66.0	40.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	218	13.2	75.0	44.0	f	y	n	0	nc	no
Sat	7/3	wheel	king	219	10.4	70.0	40.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	220	14.3	76.5	45.0	m	y	n	0	nc	no

Sat	7/3	wheel	king	221	15.1	77.0	47.5	f	y	n	0	nc	no
Sat	7/3	wheel	king	222	10.2	69.0	40.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	223	13.8	78.0	43.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	224	29.9	93.5	60.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	225	10.4	70.0	40.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	226	13.9	89.5	42.5	f	y	n	0	nc	no
Sat	7/3	wheel	king	227	10.0	68.0	40.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	228	12.5	71.5	44.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	229	6.4	58.5	35.0	m	y	p	23	nc	AYK 6 p
Sat	7/3	wheel	king	230	15.8	80.0	47.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	231	7.2	60.5	35.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	232	7.1	59.5	36.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	233	13.3	73.0	46.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	234	6.4	58.5	34.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	235	7.0	60.5	36.0	m	y	p	30	nc	AYK 7 P
Sat	7/3	wheel	king	236	4.6	54.0	30.0	m	y	n	0	nc	no
Sat	7/3	wheel	king	237	6.5	59.0	34.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	238	10.7	69.0	41.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	239	6.1	57.5	34.5	m	y	n	0	nc	no
Sat	7/3	wheel	king	240	5.4	56.0	32.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	241	11.2	73.5	41.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	242	11.1	73.5	42.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	243	12.4	76.0	41.5	f	y	p	15	nc	AYK 8 P
Sun	7/4	wheel	king	244	5.9	58.0	32.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	245	18.3	84.5	48.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	246	6.9	62.0	36.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	247	4.3	53.0	24.5	m	y	n	0	nc	no
Sun	7/4	wheel	king	248	11.1	71.0	41.5	m	y	n	0	nc	no
Sun	7/4	wheel	king	249	12.6	71.5	44.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	250	10.4	70.0	40.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	251	5.4	58.0	32.0	m	y	n	0	nc	no
Sun	7/4	wheel	king	252	6.4	59.5	33.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	253	12.9	74.5	42.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	254	14.5	79.0	44.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	255	14.1	75.0	44.5	f	y	n	0	nc	no
Wed	7/7	wheel	king	256	13.8	73.5	43.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	257	17.6	81.0	48.0	f	y	p	1000	nc	AYK 9 P
Wed	7/7	wheel	king	258	17.7	82.0	46.5	f	y	n	0	nc	no
Wed	7/7	wheel	king	259	13.1	72.5	43.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	260	14.1	75.5	44.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	261	12.0	69.5	43.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	262	17.8	84.0	47.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	263	14.3	78.0	43.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	264	12.1	71.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	265	13.7	73.5	42.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	266	15.8	79.5	46.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	267	13.4	74.5	42.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	268	14.1	76.5	44.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	269	14.0	78.5	42.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	270	12.2	74.0	41.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	271	11.9	72.0	40.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	272	14.6	72.5	44.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	273	14.0	76.5	43.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	274	11.5	70.5	40.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	275	14.6	78.0	42.5	f	y	n	0	nc	no
Wed	7/7	wheel	king	276	5.9	65.0	33.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	277	13.1	73.0	42.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	278	3.9	50.5	28.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	279	12.2	70.0	43.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	280	5.0	52.5	30.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	281	7.3	58.5	35.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	282	12.4	71.5	42.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	283	11.1	69.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	284	9.5	68.0	38.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	285	12.0	73.0	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	286	11.4	72.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	287	11.8	72.5	42.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	288	8.9	67.0	37.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	289	9.7	69.0	38.5	m	y	P	30	nc	AYK 10 P
Wed	7/7	wheel	king	290	10.7	70.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	291	7.3	59.5	37.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	292	10.9	69.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	293	6.9	59.0	36.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	294	10.1	69.5	39.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	295	6.2	57.0	34.0	m	y	n	0	nc	no

Wed	7/7	wheel	king	296	4.1	51.0	30.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	297	9.0	64.5	39.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	298	10.4	68.0	40.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	299	9.4	67.0	39.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	300	5.6	55.5	33.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	301	5.5	56.0	34.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	302	6.2	58.5	34.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	303	10.9	71.0	40.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	304	6.7	59.0	37.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	305	6.1	57.5	33.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	306	6.0	57.0	34.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	307	4.3	51.0	31.0	m	y	p	7	nc	AYK 11 P
Wed	7/7	wheel	king	308	4.5	53.0	30.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	309	10.1	69.0	42.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	310	3.3	47.0	27.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	311	6.7	60.0	35.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	312	5.9	56.5	33.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	313	7.7	63.0	37.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	314	15.6	75.5	45.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	315	6.0	56.0	29.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	316	12.2	72.5	42.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	317	12.8	71.5	43.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	318	5.8	56.5	33.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	319	9.3	66.5	37.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	320	18.8	84.5	48.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	321	5.8	57.0	32.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	322	11.4	69.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	323	7.6	60.0	36.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	324	6.2	59.5	32.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	325	14.8	78.5	45.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	326	5.6	55.5	31.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	327	6.7	58.0	35.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	328	11.4	70.5	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	329	5.6	55.5	32.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	330	9.5	67.0	39.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	331	7.5	60.0	35.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	332	7.0	58.5	36.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	333	18.8	82.0	49.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	334	4.6	51.0	28.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	335	2.5	41.5	24.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	336	12.0	75.0	41.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	337	5.6	57.0	32.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	338	6.3	57.5	35.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	339	13.4	78.0	42.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	340	12.6	75.0	42.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	341	12.1	74.0	42.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	342	7.0	61.5	35.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	343	28.7	97.0	55.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	344	13.8	77.0	44.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	345	6.8	59.5	35.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	346	3.4	50.0	29.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	347	12.2	85.5	48.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	348	12.6	72.0	41.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	349	18.0	82.0	50.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	350	19.0	87.0	48.0	f	y	n	0	nc	no
Wed	7/7	wheel	king	351	8.1	64.0	37.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	352	6.3	60.0	33.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	353	17.9	81.5	49.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	354	12.9	75.5	42.5	f	y	n	0	nc	no
Wed	7/7	wheel	king	355	12.4	79.0	41.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	356	5.7	57.0	32.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	357	12.5	72.0	42.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	358	7.9	61.5	36.5	m	y	n	0	nc	no
Wed	7/7	wheel	king	359	6.1	57.0	34.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	360	8.0	63.5	36.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	361	6.1	56.0	34.0	m	y	n	0	nc	no
Wed	7/7	wheel	king	362	4.6	53.0	30.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	363	15.5	83.0	45.0	f	y	n	0	nc	no
Thurs	7/8	wheel	king	364	14.4	76.0	46.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	365	13.9	75.0	45.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	366	12.4	73.5	42.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	367	17.8	83.5	47.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	368	16.5	78.5	48.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	369	18.5	83.5	48.0	f	y	n	0	nc	no
Thurs	7/8	wheel	king	370	16.5	82.0	46.0	f	y	n	0	nc	no

Thurs	7/8	wheel	king	371	13.4	75.5	46.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	372	21.6	85.5	53.0	f	y	n	0	nc	no
Thurs	7/8	wheel	king	373	20.7	87.0	52.0	f	y	n	0	nc	no
Thurs	7/8	wheel	king	374	21.8	87.0	53.0	f	y	n	0	nc	no
Thurs	7/8	wheel	king	375	18.6	81.5	50.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	376	21.8	86.5	51.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	377	12.5	72.5	44.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	378	13.3	75.5	44.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	379	15.8	78.5	46.0	f	y	n	0	nc	no
Thurs	7/8	wheel	king	380	12.7	73.5	43.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	381	17.8	83.0	47.5	f	y	n	0	nc	no
Thurs	7/8	wheel	king	382	12.9	73.0	44.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	383	6.9	60.0	35.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	384	10.6	70.5	38.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	385	5.4	65.5	31.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	386	11.4	72.0	39.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	387	9.3	67.5	37.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	388	6.5	60.0	34.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	389	10.1	68.0	37.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	390	5.9	56.5	31.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	391	11.3	72.5	40.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	392	5.9	58.0	32.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	393	7.2	59.5	36.0	m	y	p	50	nc	AYK 12 P
Thurs	7/8	wheel	king	394	12.1	73.0	41.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	395	11.5	71.5	40.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	396	11.1	71.5	39.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	397	5.0	54.5	30.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	398	10.7	70.5	38.0	m	y	p	150	nc	AYK 13 P
Thurs	7/8	wheel	king	399	11.9	72.0	42.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	400	4.3	52.0	29.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	401	3.8	50.5	27.0	m	y	p	21	nc	AYK 14 P
Thurs	7/8	wheel	king	402	5.1	55.0	31.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	403	8.0	63.5	36.0	m	y	n	0	nc	no
Thurs	7/8	wheel	king	404	6.8	59.5	34.5	m	y	n	0	nc	no
Thurs	7/8	wheel	king	405	7.3	62.0	35.5	m	y	n	0	nc	AYK 15 R
Thurs	7/8	wheel	king	406	7.0	60.5	33.5	m	y	n	0	nc	AYK 16 R
Thurs	7/8	wheel	king	407	32.1	99.0	58.5	m	y	n	0	nc	AYK 17 R
Thurs	7/8	wheel	king	408	11.6	72.0	40.0	m	y	n	0	nc	AYK 18 R
Thurs	7/8	wheel	king	409	10.5	70.5	39.0	m	y	n	0	nc	AYK 19 R
Thurs	7/8	wheel	king	410	9.5	67.5	38.5	m	y	n	0	nc	AYK 20 R
Thurs	7/8	wheel	king	411	6.7	59.5	34.0	m	y	n	0	nc	AYK 21 R
Thurs	7/8	wheel	king	412	15.1	77.0	44.5	m	y	n	0	nc	AYK 22 R
Thurs	7/8	wheel	king	413	13.2	76.5	41.0	f	y	n	0	nc	AYK 23 R
Thurs	7/8	wheel	king	414	5.3	56.0	31.5	m	y	n	0	nc	AYK 24 R
Thurs	7/8	wheel	king	415	5.7	57.5	33.0	m	y	n	0	nc	AYK 25 R
Thurs	7/8	wheel	king	416	4.9	53.0	31.5	m	y	n	0	nc	AYK 26 R
Thurs	7/8	wheel	king	417	6.2	56.0	43.5	m	y	n	0	nc	AYK 27 R
Thurs	7/8	wheel	king	418	4.8	55.0	30.0	m	y	n	0	nc	AYK 28 R
Thurs	7/8	wheel	king	419	5.4	56.0	32.5	m	y	n	0	nc	AYK 29 R
Thurs	7/8	wheel	king	420	6.8	61.0	34.0	m	y	n	0	nc	AYK 30 R
Thurs	7/8	wheel	king	421	12.6	74.0	42.0	m	y	n	0	nc	AYK 31 R
Thurs	7/8	wheel	king	422	6.1	60.0	33.0	m	y	n	0	nc	AYK 32 R
Thurs	7/8	wheel	king	423	5.5	56.0	33.0	m	y	n	0	nc	AYK 33 R
Fri	7/9	wheel	king	424	13.7	76.5	41.5	f	y	n	0	nc	no
Fri	7/9	wheel	king	425	12.6	73.5	42.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	426	12.4	73.5	41.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	427	12.4	71.0	42.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	428	11.7	71.5	40.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	429	15.7	79.5	44.0	f	y	p	50	nc	AYK 34 P
Fri	7/9	wheel	king	430	11.1	70.5	39.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	431	19.8	82.5	50.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	432	15.3	82.0	42.5	f	y	p	30	n	AYK 35 P
Fri	7/9	wheel	king	433	17.9	84.5	45.0	f	y	n	0	nc	no
Fri	7/9	wheel	king	434	17.8	79.5	48.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	435	15.7	76.0	44.0	f	y	n	0	nc	no
Fri	7/9	wheel	king	436	14.9	76.5	45.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	437	13.0	74.0	42.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	438	15.1	79.5	44.5	f	y	n	0	nc	no
Fri	7/9	wheel	king	439	13.2	73.5	43.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	440	16.5	81.5	46.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	441	14.0	74.5	45.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	442	15.9	81.0	43.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	443	17.2	80.5	47.0	f	y	n	0	nc	no
Fri	7/9	wheel	king	444	11.5	70.0	41.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	445	20.3	85.0	49.5	f	y	n	0	nc	no

Fri	7/9	wheel	king	446	8.5	64.0	36.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	447	4.5	51.5	30.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	448	10.5	68.5	38.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	449	6.1	59.5	32.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	450	9.4	67.5	38.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	451	9.2	64.5	37.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	452	9.4	64.5	39.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	453	6.4	57.5	35.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	454	5.1	54.5	32.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	455	12.4	76.5	40.5	f	y	n	0	nc	no
Fri	7/9	wheel	king	456	6.3	61.0	32.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	457	7.6	62.0	36.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	458	5.0	54.0	31.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	459	4.5	53.0	29.0	m	y	n	2	nc	no
Fri	7/9	wheel	king	460	10.1	70.0	38.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	461	5.4	53.5	33.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	462	4.1	51.0	28.0	m	y	p	7	nc	AYK 36 P
Fri	7/9	wheel	king	463	6.4	59.0	34.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	464	6.9	63.0	33.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	465	5.2	55.5	32.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	466	6.3	58.0	33.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	467	12.3	75.0	41.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	468	5.6	57.0	32.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	469	5.9	59.0	32.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	470	6.2	56.5	34.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	471	3.8	49.5	28.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	472	10.5	69.0	39.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	473	7.6	61.0	36.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	474	8.0	63.0	36.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	475	4.8	53.0	30.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	476	3.4	47.5	27.0	m	y	n	0	nc	no
Fri	7/9	wheel	king	477	5.5	56.0	32.5	m	y	n	0	nc	no
Fri	7/9	wheel	king	478	6.4	61.0	34.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	479	12.3	73.0	42.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	480	23.8	91.0	55.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	481	16.1	82.0	46.0	f	y	p	50	nc	AYK 40 p
Sat	7/10	wheel	king	482	15.9	84.5	44.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	483	14.1	75.5	45.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	484	14.0	75.5	46.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	485	20.4	86.0	51.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	486	13.5	77.0	43.0	m	y	p	75	nc	AYK 41 p
Sat	7/10	wheel	king	487	17.5	81.5	48.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	488	14.6	77.0	45.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	489	11.3	71.0	41.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	490	12.7	74.0	43.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	491	15.7	78.5	47.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	492	10.9	68.0	42.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	493	10.3	68.5	40.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	494	12.2	74.0	42.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	495	10.4	69.5	40.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	496	11.3	71.5	41.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	497	7.3	60.5	36.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	498	5.9	57.0	34.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	499	9.8	69.0	39.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	500	7.9	62.5	37.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	501	8.7	67.0	38.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	502	9.7	68.0	39.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	503	5.4	55.0	32.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	504	4.1	52.0	29.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	505	5.6	56.5	33.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	506	4.6	53.5	30.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	507	5.5	55.5	32.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	508	7.5	60.5	35.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	508.1	4.4	53.5	29.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	508.2	10.1	70.0	39.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	509	9.2	68.0	38.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	510	11.6	72.0	40.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	511	5.8	57.5	32.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	512	5.7	58.5	32.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	513	3.8	51.5	27.0	m	y	p	30	nc	AYK 42 P
Sat	7/10	wheel	king	514	4.9	54.5	30.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	515	3.2	49.0	26.5	m	y	p	1500	nc	AYK 43 P
Sat	7/10	wheel	king	516	6.2	58.5	33.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	517	8.8	67.5	36.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	518	7.4	60.0	36.5	m	y	n	0	nc	no

Sat	7/10	wheel	king	519	5.5	57.5	31.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	520	6.6	59.0	34.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	521	6.4	58.5	34.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	522	11.7	71.5	43.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	523	10.8	71.5	39.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	524	11.6	74.0	40.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	525	17.4	83.0	46.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	526	2.7	40.5	24.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	527	6.9	60.0	35.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	528	13.6	77.0	41.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	529	8.8	67.0	37.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	530	4.2	52.0	30.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	531	4.4	51.5	30.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	532	10.5	69.5	38.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	533	16.7	82.0	45.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	534	12.2	73.5	41.0	m	y	p	200	nc	AYK 37 p
Sat	7/10	wheel	king	535	10.9	68.5	40.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	536	12.1	71.0	42.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	537	8.9	64.0	38.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	538	11.7	69.5	42.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	539	11.3	69.0	41.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	540	5.9	56.5	33.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	541	10.5	66.5	40.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	542	15.9	78.5	46.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	543	7.1	57.5	36.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	544	11.2	71.5	40.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	545	25.1	91.5	56.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	546	13.5	72.0	45.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	547	13.0	75.0	42.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	548	5.1	56.5	30.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	549	4.3	53.0	28.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	550	15.7	79.0	45.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	551	4.9	54.0	31.5	m	y	p	50	nc	AYK 38 p
Sat	7/10	wheel	king	552	5.9	54.0	32.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	553	6.3	58.0	33.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	554	17.4	82.5	46.0	f	y	n	0	nc	no
Sat	7/10	wheel	king	555	4.6	52.5	30.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	556	4.6	53.0	30.0	m	y	p	15	nc	AYK 39 p
Sat	7/10	wheel	king	557	12.4	74.0	41.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	558	4.5	54.0	29.0	m	y	n	0	nc	no
Sat	7/10	wheel	king	559	10.2	71.5	37.0	m	y	n	0	nc	AYK 44 R
Sat	7/10	wheel	king	560	5.2	54.0	30.5	m	y	n	0	nc	AYK 45 R
Sat	7/10	wheel	king	561	5.1	54.5	30.0	m	y	n	0	nc	AYK 46 R
Sat	7/10	wheel	king	562	5.9	57.0	32.0	m	y	n	0	nc	AYK 47 R
Sat	7/10	wheel	king	563	6.4	58.5	33.0	m	y	n	0	nc	AYK 48 R
Sat	7/10	wheel	king	564	5.6	56.5	30.5	m	y	n	0	nc	AYK 49 R
Sat	7/10	wheel	king	565	8.9	67.0	36.0	m	y	n	0	nc	AYK 50 R
Sat	7/10	wheel	king	566	9.5	67.5	37.5	m	y	n	0	nc	AYK 51 R
Sat	7/10	wheel	king	567	19.7	87.5	49.0	f	y	n	0	nc	AYK 52 R
Sat	7/10	wheel	king	568	14.2	76.0	44.0	f	y	n	0	nc	AYK 53 R
Sat	7/10	wheel	king	569	10.6	70.5	41.0	m	y	n	0	nc	AYK 54 R
Sat	7/10	wheel	king	570	10.3	68.5	40.0	m	y	n	0	nc	AYK 55 R
Sat	7/10	wheel	king	571	10.1	67.0	40.0	m	y	n	0	nc	AYK 56 R
Sat	7/10	wheel	king	572	12.4	76.5	42.5	m	y	n	0	nc	AYK 57 R
Sat	7/10	wheel	king	573	9.8	69.0	39.0	m	y	n	0	nc	AYK 58 R
Sat	7/10	wheel	king	574	10.7	70.0	39.5	m	y	n	0	nc	no
Sat	7/10	wheel	king	575	11.1	69.0	41.0	m	y	n	0	nc	AYK 59 R
Sat	7/10	wheel	king	576	12.4	74.5	41.5	m	y	n	0	nc	AYK 60 R
Sat	7/10	wheel	king	577	10.7	69.0	41.0	m	y	n	0	nc	AYK 61 R
Sun	7/11	wheel	king	578	8.6	65.5	38.5	m	y	n	0	nc	AYK 62 R
Sun	7/11	wheel	king	579	26.9	96.0	55.5	f	y	n	0	nc	AYK 63 R
Sun	7/11	wheel	king	580	15.9	79.0	46.0	m	y	n	0	nc	AYK 64 R
Sun	7/11	wheel	king	581	18.2	84.0	47.5	f	y	n	0	nc	AYK 65 R
Sun	7/11	wheel	king	582	5.5	56.0	32.5	m	y	n	0	nc	AYK 66 R
Sun	7/11	wheel	king	583	6.5	56.0	36.0	m	y	n	0	nc	AYK 67 R
Sun	7/11	wheel	king	584	4.5	52.5	30.0	m	y	n	0	nc	AYK 68 R
Sun	7/11	wheel	king	585	5.9	57.0	34.0	m	y	n	0	nc	AYK 69 R
Sun	7/11	wheel	king	586	13.8	78.0	44.0	m	y	p	2000	nc	AYK 70 P R
Sun	7/11	wheel	king	587	9.7	68.5	39.0	m	y	n	0	nc	AYK 71 R
Sun	7/11	wheel	king	588	5.5	57.0	31.0	m	y	n	0	nc	AYK 72 R
Sun	7/11	wheel	king	589	9.6	68.0	39.0	m	y	n	0	nc	AYK 73 R
Sun	7/11	wheel	king	590	11.0	72.5	39.0	m	y	n	0	nc	AYK 74 R
Sun	7/11	wheel	king	591	5.9	55.5	33.5	m	y	n	0	nc	AYK 75 R
Sun	7/11	wheel	king	592	7.0	61.5	34.0	m	y	n	0	nc	AYK 76 R
Sun	7/11	wheel	king	593	1.9	39.0	22.0	m	y	n	0	nc	AYK 77 R

Sun	7/11	wheel	king	594	12.4	73.5	42.0	m	y	n	0	nc	AYK 78 R
Sun	7/11	wheel	king	595	5.4	55.5	31.0	m	y	n	0	nc	AYK 79 R
Sun	7/11	wheel	king	596	6.4	56.0	33.5	m	y	p	30	nc	AYK 80 P R
Sun	7/11	wheel	king	597	7.3	58.5	37.0	m	y	n	0	nc	AYK 81 R
Sun	7/11	wheel	king	598	9.0	67.0	37.5	m	y	n	0	nc	AYK 82 R
Sun	7/11	wheel	king	599	4.8	53.0	31.0	m	y	p	10	nc	AYK 83 P R
Sun	7/11	wheel	king	600	14.5	76.0	44.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	601	12.2	73.5	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	602	15.7	78.0	46.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	603	19.0	84.0	48.5	f	y	n	0	nc	no
Sun	7/11	wheel	king	604	13.9	77.5	46.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	605	32.6	97.0	61.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	606	15.5	83.0	42.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	607	12.8	74.5	42.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	608	17.1	79.5	47.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	609	16.2	82.0	45.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	610	25.7	88.5	54.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	611	14.5	77.0	43.5	f	y	n	0	nc	no
Sun	7/11	wheel	king	612	29.6	96.0	55.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	613	18.6	83.5	48.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	614	17.5	82.5	47.0	m	y	p	5	nc	AYK 84 P
Sun	7/11	wheel	king	615	15.8	86.5	44.5	f	y	n	0	nc	no
Sun	7/11	wheel	king	616	17.1	81.5	47.0	f	y	n	0	nc	no
Sun	7/11	wheel	king	617	13.2	76.0	42.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	618	14.3	74.0	45.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	619	19.9	85.0	49.5	f	y	n	0	nc	no
Sun	7/11	wheel	king	620	12.4	74.5	40.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	621	5.9	56.5	32.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	622	7.8	63.0	35.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	623	13.1	70.5	43.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	624	11.8	71.0	42.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	625	6.4	57.5	32.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	626	5.6	56.0	32.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	627	7.9	64.5	35.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	628	12.4	71.5	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	629	10.8	70.0	39.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	630	11.7	71.0	40.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	631	8.7	64.5	37.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	632	10.5	70.0	38.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	633	6.2	57.5	33.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	634	10.1	68.5	39.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	635	13.0	76.0	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	636	9.6	69.0	37.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	637	12.7	75.0	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	638	11.5	72.5	41.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	639	11.1	73.0	43.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	640	12.7	74.5	41.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	641	11.7	70.5	39.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	642	14.2	77.5	43.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	643	11.1	69.5	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	644	10.6	67.5	40.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	645	10.0	68.5	38.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	646	10.1	67.0	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	647	6.3	57.0	33.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	648	7.6	65.0	34.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	649	11.9	74.5	40.0	f	y	n	0	nc	no
Sun	7/11	wheel	king	650	6.3	59.0	33.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	651	9.5	66.0	38.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	652	5.5	56.5	31.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	653	7.1	61.5	34.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	654	6.9	61.0	34.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	655	8.5	63.0	37.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	656	7.1	61.5	34.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	657	6.2	56.0	33.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	658	10.3	75.0	38.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	659	10.4	69.5	39.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	660	11.8	71.0	41.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	661	11.6	73.0	40.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	662	7.6	63.0	34.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	663	10.0	68.0	39.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	664	10.4	69.0	37.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	665	8.2	62.0	37.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	666	5.9	57.0	31.5	m	y	n	0	nc	no
Sun	7/11	wheel	king	667	4.6	53.0	29.0	m	y	n	0	nc	no
Sun	7/11	wheel	king	668	4.9	54.5	30.0	m	y	n	0	nc	no

Wed	7/14	wheel	King	744	9.4	66.0	37.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	745	12.1	72.0	42.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	746	5.3	55.5	30.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	747	17.6	80.5	47.5	f	y	n	0	nc	no
Wed	7/14	wheel	King	748	5.3	54.0	30.5	m	y	p	30	nc	AYK 97 P
Wed	7/14	wheel	King	749	11.4	71.5	41.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	750	3.3	46.5	26.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	751	4.9	53.5	30.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	752	4.4	52.0	29.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	753	22.7	85.5	53.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	754	5.7	56.0	31.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	755	17.6	82.5	46.0	f	y	n	0	nc	no
Wed	7/14	wheel	King	756	7.5	60.5	35.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	757	6.5	58.0	33.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	758	9.8	69.5	37.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	759	6.5	58.5	33.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	760	10.4	68.5	39.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	761	6.1	58.0	31.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	762	5.8	56.5	32.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	763	6.7	58.0	33.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	764	4.5	51.5	28.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	765	6.2	57.5	32.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	766	7.0	59.5	35.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	767	7.2	60.5	34.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	768	7.1	58.5	34.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	769	7.8	64.5	34.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	770	6.4	59.0	32.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	771	8.3	64.0	36.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	772	6.0	59.0	32.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	773	7.9	62.0	35.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	774	7.3	61.5	33.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	775	5.4	54.5	31.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	776	5.6	56.0	30.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	777	5.8	56.0	33.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	778	5.1	55.5	30.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	779	5.3	54.5	31.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	780	5.6	56.0	32.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	781	5.5	57.0	30.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	782	2.0	40.0	22.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	783	15.8	79.0	46.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	784	16.7	81.0	47.5	f	y	n	0	nc	no
Wed	7/14	wheel	king	785	16.5	80.0	46.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	786	11.8	73.0	42.5	m	y	n	0	nc	no
Wed	7/14	wheel	king	787	12.1	71.5	42.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	788	13.8	80.0	43.5	f	y	p	50	nc	AYK 98 P
Wed	7/14	wheel	king	789	8.8	67.5	38.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	790	8.9	65.0	39.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	791	10.5	70.5	40.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	792	5.7	57.0	33.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	793	5.6	56.5	32.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	794	13.8	78.0	43.0	f	y	n	0	nc	no
Wed	7/14	wheel	king	795	11.5	72.0	41.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	796	9.7	71.0	36.5	m	y	n	0	nc	no
Wed	7/14	wheel	king	797	9.5	69.5	37.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	798	7.4	63.5	35.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	799	5.2	55.5	31.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	800	5.6	57.0	33.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	801	2.7	45.0	26.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	802	21.2	87.0	52.0	f	y	n	0	nc	no
Wed	7/14	wheel	king	803	39.5	105.5	65.5	m	y	n	0	nc	no
Wed	7/14	wheel	King	804	19.1	87.5	49.0	m	y	n	0	nc	no
Wed	7/14	wheel	king	805	22.3	86.5	54.0	f	y	n	0	nc	no
Wed	7/14	wheel	King	806	13.1	78.0	41.5	f	y	n	0	nc	no
Wed	7/14	wheel	king	807	19.0	84.0	50.5	f	y	n	0	nc	no
Wed	7/14	wheel	King	808	12.3	77.5	41.0	f	y	p	100	nc	AYK 99 P
Wed	7/14	wheel	king	809	12.2	77.0	41.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	810	19.6	85.0	50.0	f	y	n	0	nc	no
Wed	7/14	wheel	king	811	19.0	87.0	48.0	m	y	n	0	nc	no
Wed	7/14	wheel	King	812	17.4	83.5	47.5	f	y	n	0	nc	no
Wed	7/14	wheel	king	813	11.0	70.0	42.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	814	7.2	59.0	37.0	m	y	n	0	nc	AYK 100 R
Thur	7/15	wheel	king	815	7.5	59.5	38.5	m	y	n	0	nc	AYK 101 R
Thur	7/15	wheel	king	816	5.3	56.0	31.5	m	y	n	0	nc	AYK 102 R
Thur	7/15	wheel	king	817	11.6	70.0	47.5	m	y	n	0	nc	AYK 103 R
Thur	7/15	wheel	king	818	10.1	68.0	40.0	m	y	n	0	nc	AYK 104 R

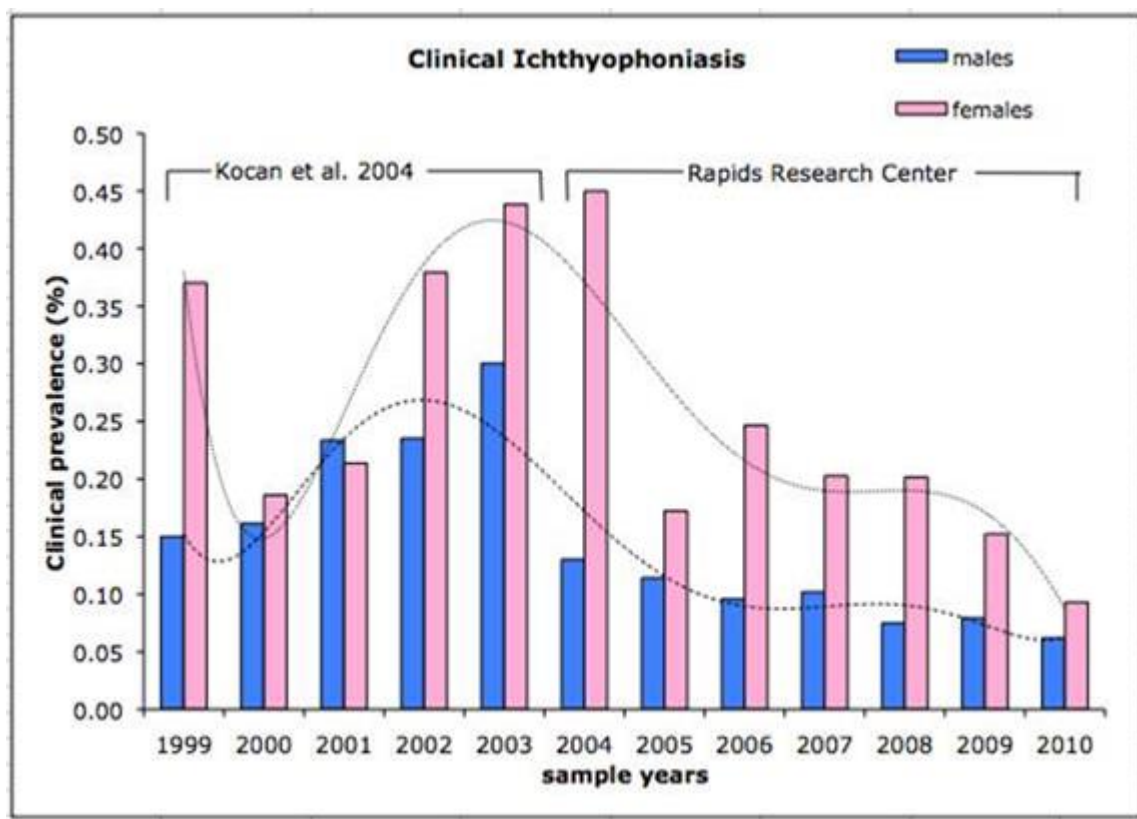
Thur	7/15	wheel	king	819	1.8	39.0	22.0	m	y	n	0	nc	AYK 105 R
Thur	7/15	wheel	king	820	4.6	54.5	30.0	m	y	n	0	nc	AYK 106 R
Thur	7/15	wheel	king	821	6.7	59.0	34.5	m	y	n	0	nc	AYK 107 R
Thur	7/15	wheel	king	822	6.6	60.0	35.0	m	y	n	0	nc	AYK 108 R
Thur	7/15	wheel	king	823	6.9	60.5	34.0	m	y	n	0	nc	AYK 109 R
Thur	7/15	wheel	king	824	3.9	52.0	28.0	m	y	n	0	nc	AYK 110 R
Thur	7/15	wheel	king	825	5.6	56.0	32.5	m	y	p	15	nc	AYK 111 RP
Thur	7/15	wheel	king	826	5.7	58.0	32.0	m	y	n	0	nc	AYK 112 R
Thur	7/15	wheel	king	827	4.0	51.5	29.0	m	y	n	0	nc	AYK 113 R
Thur	7/15	wheel	king	828	22.8	91.5	50.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	829	15.9	79.5	45.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	830	13.4	75.0	41.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	831	21.5	84.5	51.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	832	19.2	86.0	49.0	f	y	n	0	nc	no
Thur	7/15	wheel	king	833	15.7	76.5	46.0	f	y	n	0	nc	no
Thur	7/15	wheel	king	834	13.5	80.0	41.0	f	y	n	0	nc	no
Thur	7/15	wheel	king	835	21.6	88.5	52.0	f	y	n	0	nc	no
Thur	7/15	wheel	king	836	13.0	75.0	41.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	837	11.5	71.0	40.5	m	y	p	8	nc	AYK 114 P
Thur	7/15	wheel	king	838	15.1	76.0	44.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	839	10.4	68.0	39.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	840	6.1	56.5	32.0	m	y	n	1	nc	no
Thur	7/15	wheel	king	841	5.5	56.0	32.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	842	7.3	64.0	35.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	843	5.0	56.5	30.5	m	y	n	2	nc	no
Thur	7/15	wheel	king	844	8.9	66.0	38.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	845	5.2	57.0	30.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	846	8.6	65.0	37.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	847	7.2	59.5	36.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	848	4.6	53.0	30.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	849	5.1	55.0	30.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	850	5.9	58.5	33.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	851	7.9	63.0	37.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	852	4.5	52.0	30.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	853	3.2	48.0	26.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	854	2.5	46.0	23.0	m	y	n	0	nc	no
Thur	7/15	wheel	king	855	1.5	37.0	20.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	856	2.1	42.0	22.5	m	y	n	0	nc	no
Thur	7/15	wheel	king	857	1.5	39.0	20.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	858	15.3	81.0	45.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	859	9.5	65.0	40.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	860	21.1	85.0	52.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	861	17.3	86.0	47.0	f	y	n	0	nc	no
Fri	7/16	wheel	king	862	17.0	83.5	48.0	f	y	n	0	nc	no
Fri	7/16	wheel	king	863	10.3	68.0	40.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	864	10.4	69.0	41.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	865	14.2	78.5	45.0	f	y	n	0	nc	no
Fri	7/16	wheel	king	866	15.6	79.5	46.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	867	13.5	77.0	43.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	868	12.2	73.0	40.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	869	9.4	67.0	38.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	870	10.5	71.5	39.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	871	6.3	59.0	34.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	872	6.4	58.5	33.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	873	6.9	59.5	34.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	874	6.5	56.0	32.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	875	5.1	55.5	31.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	876	6.2	58.5	33.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	877	4.7	54.5	30.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	878	4.0	50.0	29.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	879	7.6	61.0	36.5	m	y	n	1	nc	no
Fri	7/16	wheel	king	880	5.4	56.0	31.0	m	y	n	0	nc	no
Fri	7/16	wheel	king	881	5.7	56.5	32.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	882	3.2	48.5	25.5	m	y	n	0	nc	no
Fri	7/16	wheel	king	883	1.9	39.5	22.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	884	21.8	89.5	49.0	m	n	n	0	nc	no
Sat	7/17	wheel	king	885	15.1	72.5	43.5	m	n	n	0	nc	no
Sat	7/17	wheel	king	886	17.9	80.0	47.5	m	n	n	0	nc	no
Sat	7/17	wheel	king	887	14.0	69.5	42.5	f	n	n	0	nc	no
Sat	7/17	wheel	king	888	16.5	79.5	45.0	f	n	n	0	nc	no
Sat	7/17	wheel	king	889	23.3	89.5	52.0	f	n	p	4	nc	AYK 115 P
Sat	7/17	wheel	king	890	12.0	73.0	40.0	m	n	n	0	nc	no
Sat	7/17	wheel	king	891	9.1	68.0	35.0	m	n	n	0	nc	no
Sat	7/17	wheel	king	892	8.2	61.5	32.5	m	n	n	0	nc	no
Sat	7/17	wheel	king	893	5.9	56.0	32.0	f	n	P	8	nc	AYK 116 P

Sat	7/17	wheel	king	894	5.5	54.5	31.0	m	n	n	0	nc	no
Sat	7/17	wheel	king	895	6.0	57.5	33.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	896	4.7	54.5	29.5	m	y	n	0	nc	no
Sat	7/17	wheel	king	897	5.1	52.0	31.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	898	6.6	58.0	34.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	899	6.1	56.0	33.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	900	16.3	80.0	46.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	901	8.1	64.5	33.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	902	6.3	57.5	33.0	m	y	p	4	nc	AYK 117 P
Sat	7/17	wheel	king	903	3.8	50.0	27.0	m	y	p	30	nc	AYK 118 P
Sat	7/17	wheel	king	904	16.9	82.5	44.5	m	y	n	0	nc	no
Sat	7/17	wheel	king	905	11.8	73.0	39.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	906	5.4	66.5	37.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	907	14.6	76.5	42.5	m	y	n	0	nc	no
Sat	7/17	wheel	king	908	11.8	71.5	41.0	m	y	n	0	nc	no
Sat	7/17	wheel	king	909	10.2	67.5	38.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	910	15.9	81.0	45.0	f	y	n	0	nc	no
Sun	7/18	wheel	king	911	23.8	88.5	53.0	f	y	n	0	nc	no
Sun	7/18	wheel	king	912	13.8	74.5	44.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	913	14.7	75.0	47.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	914	14.8	80.5	43.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	915	13.2	74.0	43.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	916	18.7	82.5	50.0	f	y	n	1	nc	no
Sun	7/18	wheel	king	917	15.3	79.0	44.5	f	y	n	0	nc	no
Sun	7/18	wheel	king	918	14.2	80.5	44.0	f	y	n	0	nc	no
Sun	7/18	wheel	king	919	10.5	68.0	40.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	920	15.5	80.0	47.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	921	12.7	74.0	42.0	f	y	n	0	nc	no
Sun	7/18	wheel	king	922	11.4	70.0	41.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	923	11.3	70.0	41.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	924	6.5	58.5	34.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	925	7.0	59.0	36.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	926	4.9	53.0	30.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	927	8.5	64.0	37.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	928	4.6	49.0	31.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	929	5.0	54.0	29.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	930	5.1	52.5	31.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	931	17.7	85.0	47.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	932	4.9	54.5	31.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	933	8.5	65.5	38.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	934	6.3	57.0	35.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	935	18.4	82.0	50.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	936	2.8	46.5	25.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	937	17.2	83.0	46.5	f	y	n	0	nc	no
Sun	7/18	wheel	king	938	13.7	77.0	43.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	939	21.1	90.0	50.0	f	y	p	2000	nc	AYK 119 P
Sun	7/18	wheel	king	940	5.0	55.0	31.5	m	y	n	0	nc	no
Sun	7/18	wheel	king	941	2.2	42.0	25.0	m	y	n	0	nc	no
Sun	7/18	wheel	king	942	5.3	56.5	32.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	943	1.4	36.5	21.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	944	8.6	63.0	38.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	945	13.5	75.0	42.5	m	y	n	0	nc	no
Mon	7/19	wheel	king	946	16.9	83.5	44.5	f	y	n	0	nc	no
Mon	7/19	wheel	king	947	15.0	81.5	43.0	f	y	n	0	nc	no
Mon	7/19	wheel	king	948	12.9	73.0	42.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	949	12.0	72.0	42.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	950	14.7	79.0	44.0	m	y	p	40	nc	AYK 120 P
Mon	7/19	wheel	king	951	5.3	56.0	31.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	952	22.4	88.0	51.0	f	y	n	0	nc	no
Mon	7/19	wheel	king	953	5.2	54.0	31.0	m	y	p	10	nc	AYK 121 P
Mon	7/19	wheel	king	954	4.3	51.5	28.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	955	13.7	73.5	44.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	956	6.4	58.5	33.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	957	5.1	56.0	31.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	958	5.3	54.5	31.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	959	9.7	69.5	38.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	960	6.1	57.5	31.5	m	y	n	0	nc	no
Mon	7/19	wheel	king	961	9.4	65.5	37.0	m	y	n	0	nc	no
Mon	7/19	wheel	king	962	17.9	81.0	47.5	f	y	n	0	nc	no
Wed	7/21	wheel	king	963	18.7	83.0	48.5	m	y	n	0	nc	no
Wed	7/21	wheel	king	964	13.8	74.5	43.5	m	y	n	0	nc	no
Wed	7/21	wheel	king	965	10.6	72.0	37.0	f	y	n	0	nc	no
Wed	7/21	wheel	king	966	11.1	70.5	39.5	m	y	n	0	nc	no
Wed	7/21	wheel	king	967	26.4	89.5	56.5	f	y	n	0	nc	no
Wed	7/21	wheel	king	968	13.1	79.0	39.5	f	y	n	0	nc	no

Wed	7/21	wheel	king	969	12.4	75.0	40.5	f	y	n	0	nc	no
Wed	7/21	wheel	king	970	3.4	46.5	28.5	m	y	p	30	nc	AYK 122 P
Wed	7/21	wheel	king	971	15.0	76.5	43.5	f	y	n	0	nc	no
Wed	7/21	wheel	king	972	4.9	55.0	29.5	m	y	p	50	nc	AYK 123 P
Thur	7/22	wheel	king	973	11.6	72.0	42.5	m	y	p	100	nc	AYK 124 P
Thur	7/22	wheel	king	974	22.5	86.0	53.0	m	y	n	0	nc	no
Thur	7/22	wheel	king	975	4.3	52.0	30.0	m	y	n	0	nc	no
Thur	7/22	wheel	king	976	6.3	57.5	35.0	m	y	p	30	nc	AYK 125 P
Thur	7/22	wheel	king	977	5.5	55.5	32.5	m	y	n	0	nc	no
Thur	7/22	wheel	king	978	18.4	83.0	49.5	f	y	n	0	nc	no
Thur	7/22	wheel	king	979	14.7	77.5	44.0	f	y	n	0	nc	no
Sat	7/24	wheel	king	980	15.6	79.0	45.0	m	y	n	0	nc	no
Sat	7/24	wheel	king	981	7.1	61.0	34.5	m	y	n	0	nc	no
Sat	7/24	wheel	king	982	20.6	86.0	49.5	f	y	n	0	nc	no
Sat	7/24	wheel	king	983	3.4	48.5	26.0	m	y	n	0	nc	no
Sat	7/24	wheel	king	984	9.9	68.5	37.5	m	y	n	0	nc	no
Sat	7/24	wheel	king	985	10.9	70.5	29.0	f	y	n	0	nc	no
Sun	7/25	wheel	king	986	5.4	54.0	33.0	m	y	n	0	nc	no
Sun	7/25	wheel	king	987	12.5	74.0	41.0	m	y	n	0	nc	no
Sun	7/25	wheel	king	988	5.7	56.0	33.0	m	y	n	0	nc	no
Sun	7/25	wheel	king	989	2.0	41.0	22.5	m	y	n	0	nc	no
Thurs	7/29	wheel	king	990	11.5	71.5	40.0	m	y	n	0	nc	no
Thurs	7/29	wheel	king	991	22.7	88.0	53.5	f	y	n	0	nc	no
Thurs	7/29	wheel	king	992	16.5	82.0	46.0	m	y	n	0	nc	no
Thurs	7/29	wheel	king	993	9.7	68.0	38.5	m	y	n	0	nc	no
Thurs	7/29	wheel	king	994	14.6	79.0	44.5	f	y	n	0	nc	no
Thurs	7/29	wheel	king	995	17.3	84.5	47.5	f	y	n	0	nc	no
Thurs	7/29	wheel	king	996	11.8	71.0	43.0	m	y	n	0	nc	no
Sat	7/31	wheel	king	997	12.6	73.0	41.5	m	y	n	0	nc	no
Sat	7/31	wheel	king	998	15.0	76.5	45.0	m	y	n	0	nc	no
Sat	7/31	wheel	king	999	12.5	76.0	39.5	f	y	n	0	nc	no
Sat	7/31	wheel	king	1000	11.1	71.0	39.0	m	y	n	0	nc	no
Sat	7/31	wheel	king	1001	5.9	58.5	32.0	m	y	n	0	nc	no
Sun	8/1	wheel	king	1002	5.8	59.0	31.0	m	y	p	500	nc	no

Figure1

12-year summary of clinical *Ichthyophonus* in Yukon River Chinook salmon collected during two consecutive studies. Infection prevalence peaked in 1999, 2003 and 2006, followed by a steady decrease through 2010. This decrease in disease prevalence corresponded to a similar decline in Chinook run size from 2003 through 2010. This graph was produced under mutual agreement by the two entities listed in graph and includes data from the 2008 – 2010 project.



Graphs used to show the effects of Ichthyophonus disease on the most important part of the spawning population. (Figures 2, 3, and 4) by Rapids Research Center. 2008 – 2010 project data was used along with similar data from the earlier 2006 and 2007 projects collecting the same type information.

Figure 2

Comparison of the Percent of Ichthyophonus Disease in Different Size Classes of Chinook Salmon, Full Season Sampling at Rapids, 2006
(Rapids Research Center)

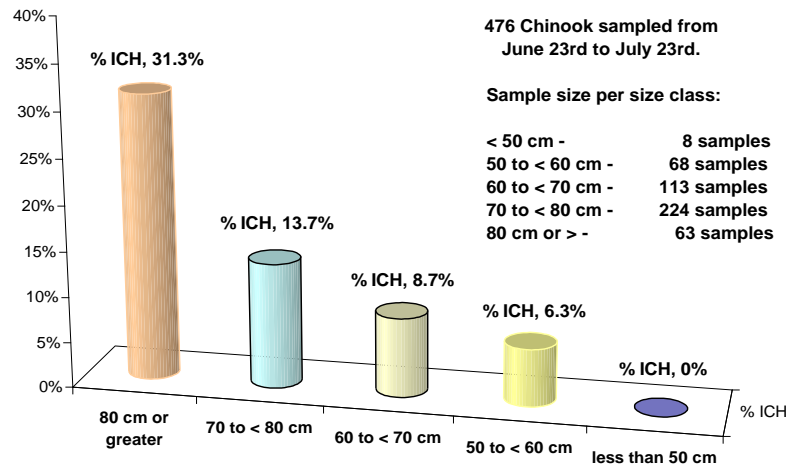


Figure 3

Comparison of the Percent of Ichthyophonus Disease in Different Size Classes of Chinook Salmon, Full Season Sampling at Rapids, 2007
(Rapids Research Center)

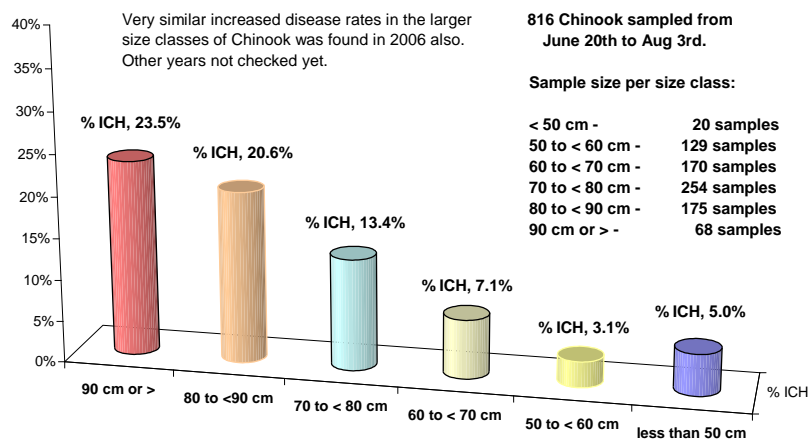
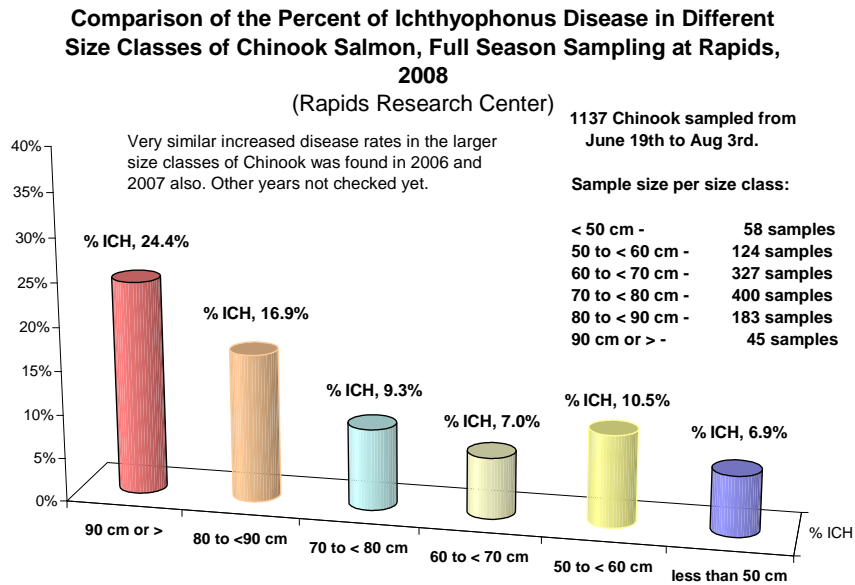


Figure 4



Below table used to show low average pound of Chinook and lack of the larger size classes in fishwheels in Rampart Rapids area catches by Rapids Research Center.

Table 1

Selected 2004 - 2010 Chinook Size/Weight Figures (Rapids Data Collection Project):								(July 6, 2011)
Year	2004	2005	2006	2007	2008	2009	2010	2011 (to 7/6)
Total samples	1113	927	737	1230	1137	773	1002	
Average weight for all king	N/A	11.4 lbs	11.9 lbs	12.1 lbs	11.7 lbs	14.4 lbs	10.8 lbs	14.0 lbs
Average length - all	67.1 cm	68.9 cm	69.0 cm	71.7 cm	70.5 cm	75.2 cm	68.2 cm	
% of king 30 lbs. and over	N/A	.7%	.8%	.8%	.5%	3.1%	.5%	
% of king 25 lbs. and over	N/A	2.3%	3.0%	3.4%	2.1%	9.4%	1.5%	
% of Females - all	20.8%	35.3%	15.3%	31.4%	19.6%	25.3%	14.1%	15.8%
Largest king	N/A	37 lbs	49.5 lbs	36.5 lbs	38 lbs	40.3 lbs	39.5 lbs	54.1 lbs
ICH Disease 65.5 cm + >	40.2%	20.3%	16.7%	18.2%	12.1%	14.2%	3.6%	7.5 %
ICH Disease Females	50%	21%	32.7%	26.7%	22.4%	20.1%	8.5%	2.9 %

Note: Taken from established Chinook **fishwheel** sites near Rampart Rapids, mile 731, Yukon River. Only full season and randomly taken data used each year.

Note: 2009 and 2011 data probably highly influenced by whole pulse closures plus other season restrictions.

Note: When looking at 2011 inseason data consider that average size has always dropped as season progresses and Ichthyophonus prevalence has always increased.

Below table was made using data collected during the pulse closures of 2009 and 2011 which included data collected during this 2008 – 2010 project. Students were stationed on the fish friendly Rapids video fishwheel run by the Yukon River Panel under special permit and allowed to weigh and then immediately release the Chinook. Researcher here is trying to show that even some of the poorest runs on record when assessed coming in the mouth of the river can be made to respond favorably when managed properly. One more set of years and this data set will be very solid statistically.

Table 2

Fully Protected Pulses versus Unprotected ones	
2008 Pulse 1 average weight -	9.7 lbs. (no protection)
2009 Pulse 1 average weight -	14.5 lbs. (full closure)
2010 Pulse 1 average weight -	11.2 lbs. (no protection)
2011 Pulse 1 average weight -	15.4 lbs. (full closure)

Break down of the persons who presently have requested Rapids Daily Update go out to them each day during the 4 month fishing season. Piggybacked on this update is this project's Chinook size and Ichthyophonous data to that date. This took place during the 2008 to 2010 project. Rapids Update and this project are independent of each other as to funding and support. Rapids Update is a private, non-funded effort.

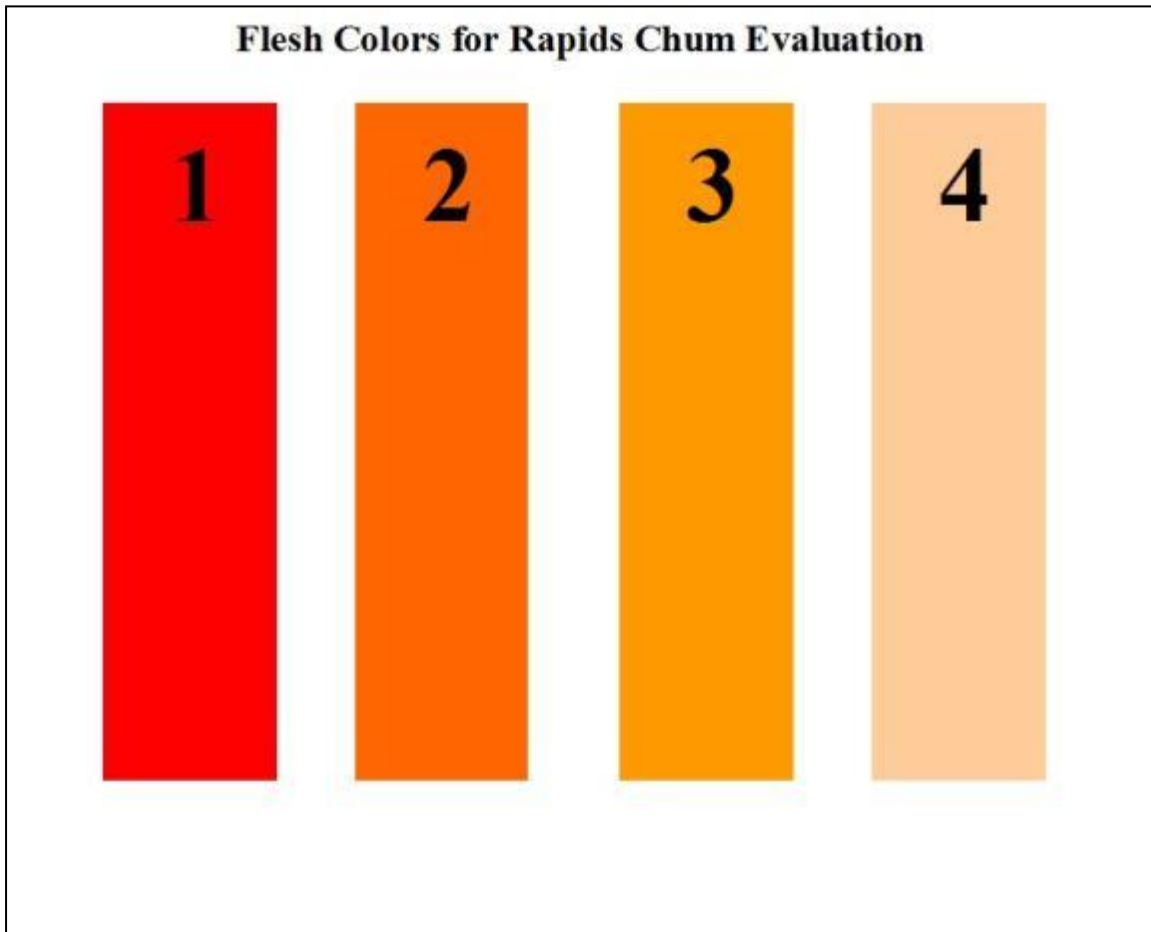
Table 3

Persons Receiving Update Category	(as of 6/28/2011)	
	Number	Percent
Local Fishermen	66	26%
State Gov. Fisheries	44	17%
Alaska Researchers	36	14%
Federal Gov. Fisheries	30	12%
Non Local persons	30	12%
Non Alaska Researchers	26	10%
DFO / Canadian Researchers	26	9%

Typical project data sheet for sampling Chinook salmon

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Appendix 4:
Color chart used to standardize fall chum flesh evaluation for this project.



Example of use of project data in a fisheries report:

The following opinion paper is a perfect example of use of the projects data by a group of fishermen to influence and enhance management decision-making of Chinook salmon on the Yukon River. While the opinions expressed here are not endorsed in any way by this project or its funders it shows the extent the data gets analyzed and used at important meetings. Similar data analyses and papers have been used at numerous fisheries meetings in recent times.

**Tanana - Rampart - Manley Fish and Game Advisory Committee
Opinion Paper and Related Data**

At our meeting held on Nov. 4, 2009, all 6 members present voted to have this paper represent their view before the Board of Fisheries in January 2010. All 6 members are from households actively engaging in subsistence fishing and 5 members hold commercial limited entry fishing permits.

Chinook data collection projects were started in our area years ago in response to the growing concerns of fishermen that average Chinook size was getting smaller, there were few older age class fish being caught, and that females were often very limited in fishers catches. Also Ichthyophonosis disease was being found in a significant percent of the population, especially in the larger Chinook. All these issues have direct effects on the quality of escapement and future health of the Chinook fishery and it was decided that collection of full season data for multiple years would aid in understanding the issues and problem solving in the future. The following Chinook weight, length, sex and disease data were randomly collected over the entire run each year. Sampling only took place out of well-established Chinook fish wheel sites. The sites are extremely stable with hard rock bottoms and wheel positions did not change from year to year. Data was collected by students and their adult supervisors at Rampart Rapids 40 miles upriver of the village of Tanana. "Rapids" is located right in the middle of the state and Chinook passing there are primarily bound for Canadian spawning grounds.

**The Past:**

Around the early 1990's and prior, it was common for Rampart, Tanana and Rapids fishwheel fishermen who fished the whole season to catch one or more 50 pound Chinook salmon each year, and 30-35 pound fish were common and not considered to be exceptionally large back then. Of note is the fact that prior to that time, Rapids commercial fish buyers would only buy 14 lb kings and larger as a matter of policy. Then it went to 12 lb and 10 lb minimum and now, except for grayling size king, fishers sell any size.

The Present:

Prior to the 2009 season the same fishermen, fishing the same gear as then, have been getting about an 11.6 lb average for the previous 5 years. Out of 5,144 Chinook measured by the student data collection project at Rapids in these 5 years, a single 49.5 lb fish is the largest with the next largest being only 38 lbs.

After 1137 samplings in 2008 only 6 were over 30 lbs. and average weight for all was 11.7 lbs. Sampling done further upriver at Eagle in 2006 shows even lower averages, of less than 10 lbs. This is getting closer to the average weight for chum salmon not king.

In 2009:

In 2009 because both Lower Yukon assessment projects recorded very low Chinook numbers, a complete commercial closure, severe subsistence restrictions, and a complete 10 day subsistence closure of the 1st pulse and some of the second pulse was instituted. As you can see from the data below and in Table 1 there was a dramatic increase in the average size of king salmon passing into the upper river that had not been seen in years. Female rates were also higher. Overwhelmingly, fishers on the Koyukuk River and upper Yukon also reported the best fishing in many years when openings did occur.

This is significant because it shows that we can indeed do something about the poor runs. If we can turn one of the poorest runs recorded at the mouth into one that not only met border escapement but did it with some of the best quality female rates and size in years just think what we could have done with some of those larger runs of the past when problems were starting.

Of interest below was how the weight of king changed after the 2009 10 day closure was over and the open part of the second pulse arrived (king got smaller), which was the period that fishermen opened on after waiting 10 closed days to fish.

The 2008 1st pulse is thrown in for comparison:

2009 Pulse 1 (fully protected)

- Average weight - 14.5 lbs

- Percent female - 29%

2008 Pulse 1 (fully open)

- Average weight - 9.7 lbs

- Percent female - 7%

2009 Pulse 2 (protected period 7/9 - 7/11)

- Average weight - 14.5 lbs

2009 Pulse 2 (open period 7/11 - 7/14)

- Average weight - 11.7 lbs

Anecdotal information from fishermen and data collected by the Rapids Data Collection project show pulse 1 each year lately, having very poor size and numbers of female king salmon. That this is also the part of the run each year that is most heavily fished downriver is probably not a coincidence.

2010 Update

In 2010 the run was perceived as better and there were no pulse closures. 10,000 Chinook were allowed to be sold commercially and some subsistence restrictions were in place. Escapement in one of two major spawning streams in the Tanana River was not met and Canadian Border passage was not met also.

Monitoring at the Rapids using fish wheels showed the lowest average weights in 6 years at 10.8 lbs and only a 14.1% female rate. The Rapids video project had it's lowest Chinook counts in 11 years of monitoring.

Many other projects drainage wide reflected these low numbers also.

Why is this something new?

There was a long period in the past when king salmon came in the mouth in large enough numbers and size that 100,000 fish commercial seasons, a full subsistence and customary trade take, and healthy passage into Canada for fishers and escapement was possible. A fish generation later healthy runs came back from that level of harvest. Because of the good size of the runs these large downriver harvests had little effect on upriver areas such as the Koyukuk River, Rapids and Canada which regularly saw large fish and many females. Everyone benefited and times were good.

Now add an emerging disease (ICH) affecting 20 to 50% of the female population (20.1% visible infection in 2009), an obvious decline in king size and therefore eggs put on the spawning ground, a dramatic shift in

almost all the fishwheels used in the drainage to large mesh set nets and drift nets, more aggressive counting of king by the most important project on the Yukon (Didson Sonar at Pilot) and an inability of fishers and management to come to grips and deal with these issues and we have the present situation.

Currently: 1. because of the weakness of the actual run size each year, 2. genetic loss of our older age classes, and 3. weakness in numbers of even 20 and 30 lb kings, even limited subsistence, as reduced as it is from years past, is having a severe effect on just meeting basic escapement.

We have arrived, through our collective inaction, at a time of no commercial fishing and very limited subsistence not because of proposals pushed by upriver complainers and restrictions passed by the Board of Fisheries (not one has ever passed), but because there simply are not the numbers of king to fish on.

2009 (773 samples) compared to 2010 (1002 samples)

	2009	2010
Average weight all	14.4 lbs	10.8 lbs
Average length all	75.2 cm	68.2 cm
Visible ICH all	10.2 %	5 %
Visible ICH in 65.5 cm or >	14.2 %	3.6%
Visible ICH in Male king	11.2 %	4.4 %
Visible ICH in Female king	20.1 %	8.5 %
% of King 25 lbs or >	9.4 %	1.5 %
% of King 30 lbs or >	3.1 %	.5%
Largest king	40.3 lbs	37.8 lbs.
Percent of females	26.3 %	14.1%

For the past decade net mesh reduction and other proposals have gone before the Board of Fish each cycle as a means of better managing king runs. These were put there by a small number of upper river fishermen who believed that selective large mesh net overfishing was being allowed year after year in the Yukon. All have failed repeatedly each AYK Board cycle.

At the recent spring 2010 Board of Fisheries (BOF) meeting, despite wide upriver support by numbers of State Advisory Committees for some conservation proposals before the them, all failed. Presently a significant and growing number of Yukon biologists and researchers are privately expressing that much damage has already been done and many generations will be needed to undo what is essentially a genetic shift in age class of Yukon king salmon. This picture is a complete catch of king from the first pulse in 2008 - these size kings are making up a significant part of fishwheel catches in the upper river as of late.



So what can be done?

We can do what should have been done long ago when the problems first started to emerge. We compensate for them and include that in our management plan.

Instead of lowering management and escapement goals so more fish can be harvested on declining runs we should try to improve the quality of that escapement. Instead of creating more fish by additional counting technology we do it by letting a few more get upriver to spawn, as in 2009.

Most importantly we stop pushing to catch the absolute maximum amount of fish every year. Had we made small adjustments such as reducing mesh size or reducing our 100,000 king commercials by say 30,000 back when the run was healthy but starting to decline, we possibly could have kept passing decent sized fish and female rates into the spawning grounds and avoided where we're at now. Now the runs are so small and size so genetically altered, that even just limited subsistence puts escapement in jeopardy. Fishermen river wide must push for the adjustments necessary – management as usual will produce more of the same decline. This is difficult as it goes contrary to short term self-interests, but our long term interests demand it.

* Considerable negative comments have been made about the source of this data (fish wheels) in ADF&G reports, at past Board of Fisheries meetings etc. Opponents feel that fish wheels catch mostly the small, male, weak, sick, handicapped, bank orientated, and diseased king compared to the normal king population in the river, nets in general and driftnets. Many variations of this theme have been expressed.

My comment here is that there is no data at all supporting that and there are a number of situations refuting it such as similar, unbiased upper river weir data (Tozitna River – BLM), similar female and size data taken by DFO nets in Canada, a USFWS study on shore based fish wheels vs. off shore drift nets for chum salmon (done 35 miles upriver from the Rapid project), ADF&G's own data from a 2004 Ichthyophonous report (lower river driftnets had more ICH than wheels at Tanana) and etc.

Finally and most important is to consider just what we are saying - that the same gear in the same sites is presently catching much less of the older age class Chinook, making the whole fishwheel bias argument a irrelevant point.

* Data in this paper has been taken with care to be unbiased and random and its collection was funded by the AYK Sustainable Salmon Initiative. The analysis and opinions expressed here about this data are the authors (T-R-M AC) only and are not paid for or the result of any US / Canada, Federal or State funding or a request, requirement, or supported by AYK SSI or any other entity.

Updated as of 10/24/10

Selected 2004 - 2010 Chinook Size/Weight Figures (Rapids Data Collection Project):

Year	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Total samples	1113	927	737	1230	1137	773	1002
Average weight for all king	n/a	11.4 lbs	11.9 lbs	12.1 lbs	11.7 lbs	14.4 lbs	10.8 lbs
Average length - all	67.1 cm	68.9 cm	69.0 cm	71.7 cm	70.5 cm	75.2 cm	68.2 cm
% of king 30 lbs. and over	N/A	.7%	.8%	.8%	.5%	3.1%	.5%
% of king 25 lbs. and over	N/A	2.3%	3.0%	3.4%	2.1%	9.4%	1.5%
% of Females - all	20.8%	35.3%	15.3%	31.4%	19.6%	25.3%	14.1%
Largest king	N/A	37 lbs	49.5 lbs	36.5 lbs	38 lbs	40.3 lbs	39.5 lbs
ICH Disease 65.5 cm + >	40.2%	20.3%	16.7%	18.2%	12.1%	14.2%	3.6%
ICH Disease Females	50%	21%	32.7%	26.7%	22.4%	20.1%	8.5%

Note: taken from established Chinook fishwheel sites near Rampart Rapids, mile 731, Yukon River. Only full season and randomly taken data used each year.
(Aug. 28, 2010)