

**TOWN OF JAMESTOWN
TOWN COUNCIL MEETING
for
TOWN, WATER AND SEWER MATTERS**

Monday, December 17, 2018

A regular meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners was called to order at the Jamestown Town Hall, Council Chambers, 93 Narragansett Avenue at 7:01 PM by Commission Vice-President Mary E. Meagher.

The following members were present:

Nancy A. Beye
William J. Piva, Jr.
Randall White

Also present were:

Andrew Nota, Town Administrator
Peter D. Ruggiero Esq., Town Solicitor
Michael Gray PE, Public Works Director
Christina D. Collins, Finance Director
Cheryl Fernstrom, Town Clerk
Andy Wade, Parks and Recreation Director
Edward A. Mello, Police Chief
Denise Jennings, Water and Sewer Clerk

Absent:

Michael G. White, Commission President

AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS

(None)

READING AND APPROVAL OF MINUTES

1) 10/15/18 (regular meeting)

Commission consensus: To accept the 12/17/18 regular meeting minutes.

OPEN FORUM

Commission Vice-President Meagher noted that this open forum would be for water and sewer matters only.

1) Scheduled requests to address:

(No scheduled requests)

2) Non-scheduled request to address:

(No non-scheduled requests)

REPORT OF TOWN OFFICIALS

1) **Pumping Report:**

The Public Works Director reported the following:

- Pumping was down slightly for the months of October and November.
- JR-1 was turned off for the winter to protect the equipment and piping from freezing.
- Rainfall was up for the months of October and November (had 24 inches of rain over the past two months).
- Transfer pumping has been disconnected to protect the equipment and piping from freezing.
- North Reservoir is @ capacity, usable storage-60MG
- South Pond is @ capacity, usable storage-6MG

2) **Town project reports: (See attached Project Update Report dated December 2018)**

Water Treatment Plant:

The Public Works Director briefly outlined the membrane filtration annual maintenance process and stated that he has included photographs of the membrane filters and the staff completing this maintenance task at the Water Treatment Plant.

North Reservoir:

The Public Works Director stated that North Reservoir is currently full and overflowing, which is earlier than usual. The Public Works Director further stated that this overflow usually happens in the spring.

Public Facilities:

The Public Works Director stated that he is working with the Town Administrator to set up a tour for the incoming Town Council/Commission to view the Town owned facilities.

The Public Works Director stated that along with his monthly report, he has included a detailed report for the incoming Town Council/Commission to provide them with information for the major components of the water system consisting of wells, treatment plant, transfer pumping to the reservoir, the distribution system and general information on the Wastewater Treatment Plant operation.

Following clarification on a few items, it was the consensus of the Commission to accept the Public Works Director's report, as presented.

LETTERS AND COMMUNICATIONS

1) Letter of Joseph McGrady of Dutch Harbor Boatyard to Public Works Director Michael Gray re: request for relief from his 10/2018 Water and Sewer bill (Account #11-021010, Plat 8 Lot 463, 252 Narragansett Avenue)

Joseph McGrady of owner of 252 and 244 Narragansett Avenue stated that the water meter for 252 Narragansett Avenue supplies water to one sink in the shack and to the hose at the end of the dock for boat washing and that a leak was discovered in the hose to the dock. Mr. McGrady stated that since the Water and Sewer Bills are mailed to Ridgefield, CT to his partner and where the accountant is located, he was not aware of the issue.

Commission Vice-President Meagher stated that Michael Gray, Public Works Director had provided the Commission a memorandum regarding the situation, noting the following:

- Mr. McGrady is requesting relief from the sewer portion of the 10/18 Water and Sewer Bill as the water did not enter the sewer system.
- Historically, the Commission has granted relief, if it is determined that that the discharge was outside of the dwelling or into the ground.
- The Commission has not granted relief to a property owner for the water portion of the bill, since there is a cost associated with treating and delivering the water to the property.
- Water staff confirmed that the leak did not enter the municipal sewer system.

The Finance Director suggested that if relief was given on the sewer charges, that an average is taken on previous usage and that the adjustment be made accordingly.

Following brief discussion and clarification by the Commission, motion was made by Commissioner Randall White, seconded by Commissioner Beye to grant the request from Joseph McGrady of Dutch Harbor Boatyard located at 252 Narragansett Avenue (Plat 8, Lot 463) for relief on sewer charges, as prorated by an average of usage, as suggested by the Public Works Director and the Finance Director. So unanimously voted.

UNFINISHED BUSINESS

(None)

NEW BUSINESS

(None)

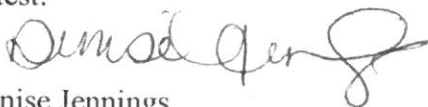
TOWN BUSINESS

(None)

ADJOURNMENT

There being no further business before the Commission, motion was made by Commissioner Piva, seconded by Commissioner Beye to adjourn the Water and Sewer meeting at 7:27 PM. So unanimously voted.

Attest:



Denise Jennings
Water and Sewer Clerk

xc: Commission Members (5)
Town Administrator
Town Solicitor
Public Works Director
Town Clerk

Project Update December 2018

WELLS

JR-1, JR-3

- JR-1 is turned off for winter conditions to protect equipment and piping from freezing.

TREATMENT PLANT

- Water department staff removed the membranes filters from the steel tanks to perform maintenance on the system. Individual membranes cartridges are placed in a tray of water and inspected for leaks. Strands that are found with a leak are cut-out and the membrane termination is injected with a silicone-based material and sealed. Over the past two weeks both filters were removed for inspection. I have included photos of the filter and of the staff performing maintenance on one membrane cartridge.

TRANSFER PUMPING/RESERVOIR

- The piping for our transfer pump has been disconnected to protect equipment from freezing during the winter months.
- Work on the south pond dam was postponed until the 2019 summer season.
- The improvements of the dam at south pond include a precast concrete system that will be installed on the surface of the earthen dam to protect it from erosion. The precast concrete mats have been delivered and were off loaded and stacked at the transfer station until we begin the project next year.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 60 MG

Usable Storage 60 Million Gallons

- The water department, with the assistance of the highway department, completed the installation of a new 8" PVC watermain in Conanicus Avenue between East Ferry and Union Street. This pipe replaces a 6" cast iron main and provides the connection to loop two dead ends in the system. In 2019 the water department will complete the Conanicus Avenue watermain replacement project by extending the 8" main to Lincoln Street eliminating another dead-end piping segment.

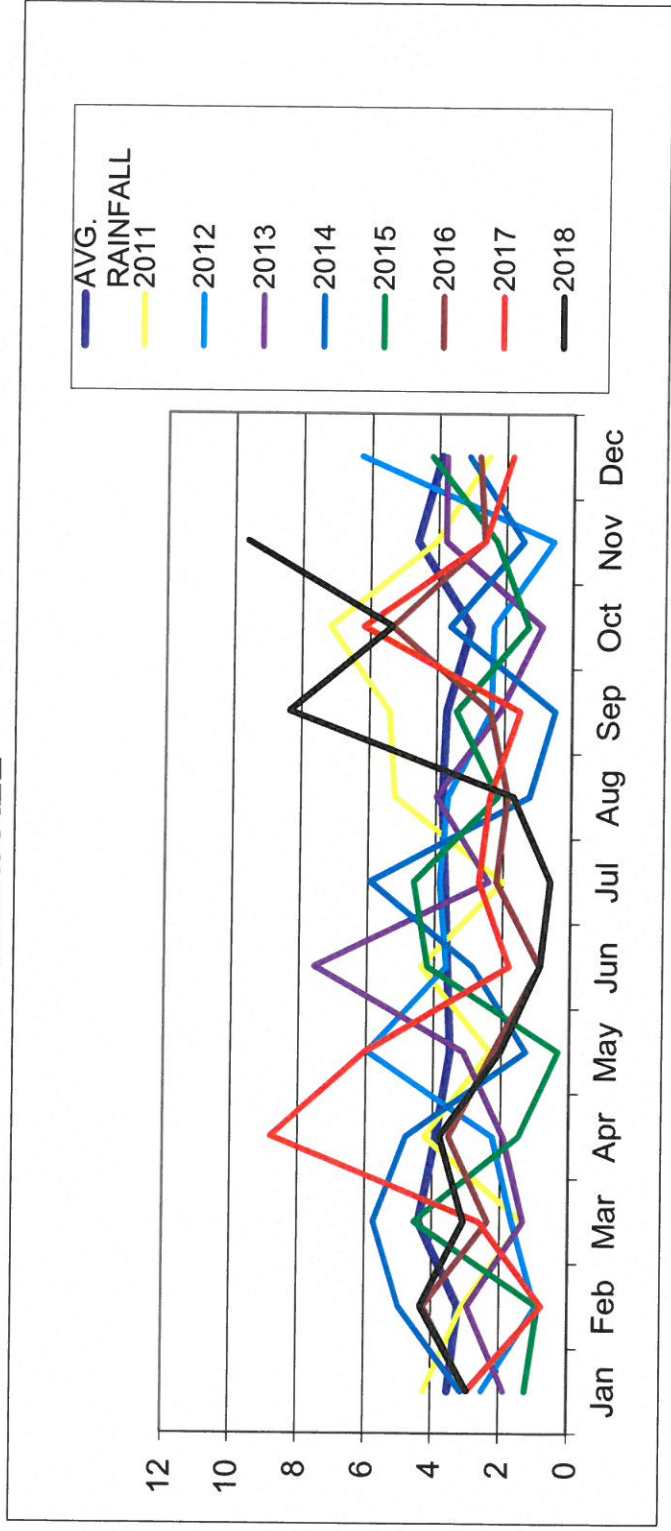
WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for November was 1.09 million gallons per day. The peak daily flow was 2.10 million gallons. The permitted monthly average flow is 0.73 million gallons per day. The average monthly flow for November exceeded our discharge permit but the wastewater plant still met our treatment standards for the sewer effluent discharged to the bay. Many wastewater plants experienced higher than normal flows due to the rain received over the past few months.

- Over the past three months Jamestown has received close to 2 feet of rainfall. Rain continues to have an impact on the sewer collection system due to I/I (Inflow & infiltration). There were no sanitary sewer discharges from the collection system during this period of heavy rain due to improvements made to our system and the work of our wastewater staff. Rain events in November resulted in almost 40 hours of overtime to monitor and maintain our pumping stations and treatment plant.
- Wolfe Construction has completed the sewer main replacement project on Grinnell Street. This project included the replacement of 900 linear feet of clay sewer piping with 8" PVC and the installation of new services within the Town Right of Way.

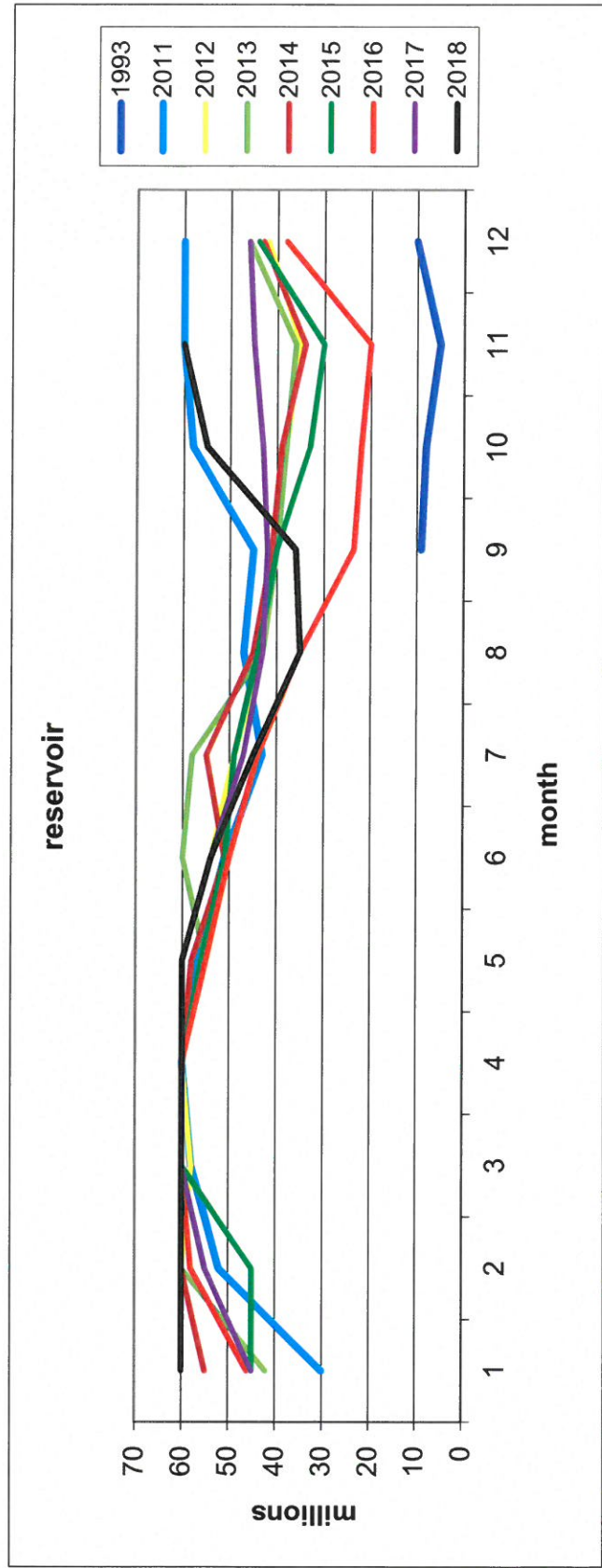
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Jan	3.5	4.22	2.49	1.85	3.1	1.22	2.94	2.94	2.94
Feb	3.2	3.09	0.93	2.94	4.98	0.86	4.25	0.76	4.33
Mar	4.4	1.32	1.64	1.32	5.74	4.53	2.36	2.62	3.07
Apr	3.9	4.25	2.24	1.92	4.8	1.47	3.53	8.8	3.79
May	3.5	2.32	5.97	3.11	1.27	0.32	2.24	6.03	2.03
Jun	3.6	4.11	3.64	7.55	2.86	4.2	0.89	1.79	0.89
Jul	3.7	2.4	3.86	2.42	5.93	4.63	2.19	2.7	0.61
Aug	3.8	2.01	3.64	3.98	1.23	2.17	1.88	2.4	1.73 Defecit-10.2"
Sep	3.7	5.23	2.39	2.13	0.5	3.41	2.42	1.54	8.35
Oct	3	7.18	2.33	0.9	3.61	1.31	5.33	6.18	5.34
Nov	4.6	4.05	0.58	3.76	1.47	2.27	2.63	2.61	9.61 1.79" above
Dec	3.9	2.51	6.28	3.76	3.1	4.2	2.79	1.81	
Total	44.8	39.03	45.99	35.64	38.59	30.59	33.45	40.18	

RAINFALL



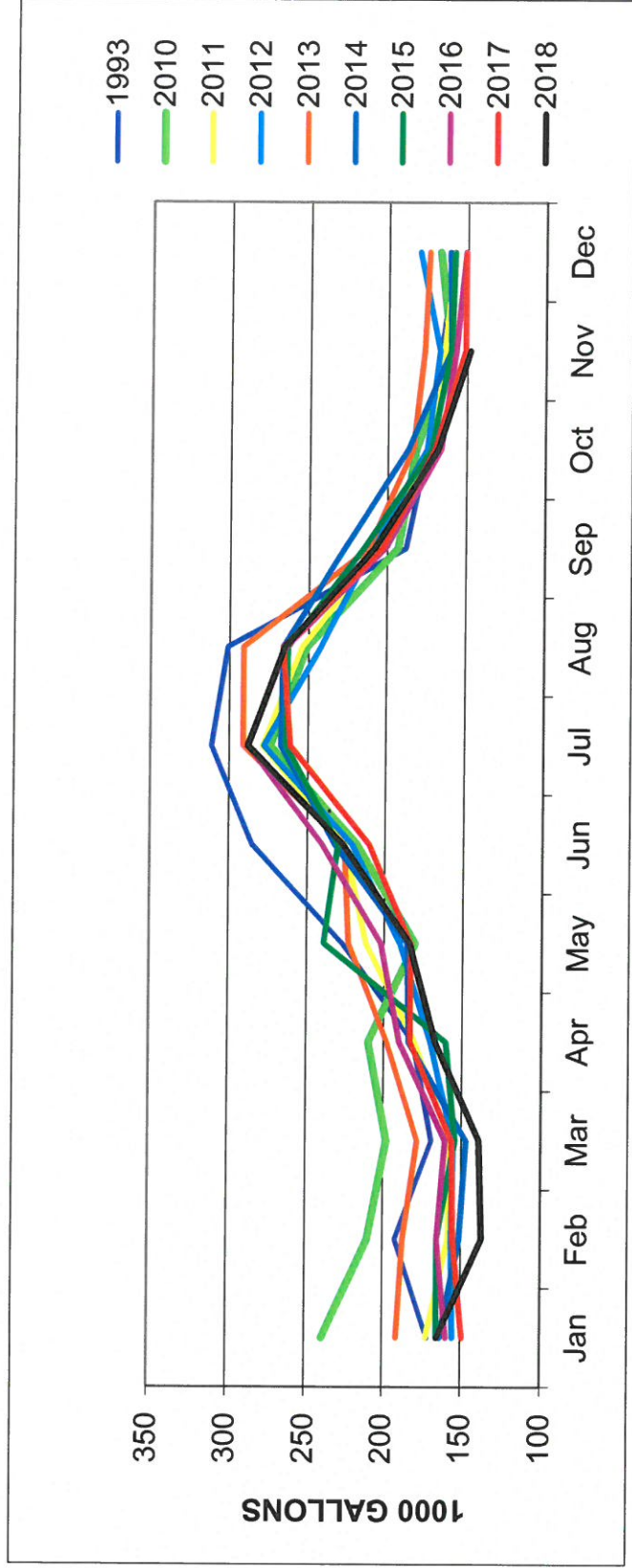
RESERVOIR LEVEL

	1993	2010	2011	2012	2013	2014	2015	2016	2017	2018
Jan	9	60	30	60	42	55	45	46	45	60
Feb	8	60	52	60	60	60	45	58	55	60
Mar	5	60	58	58	60	60	60	60	60	60
Apr	10	60	60	60	60	60	60	60	60	60
May		60	57	60	55	58	56	55	60	60
Jun		51	51	54	60	51	51	50	54	54
Jul		43	43	49	58	55	49	44	47	45
Aug		40	47	43	43	45	44	35	43	35
Sep		35	45	40	40	41	40	23.5	42	36
Oct		30	58	38	38	39	33	22	43	55
Nov		28	60	35	36	34	30	20	45	60
Dec		29	60	42	46	43	44	38	46	

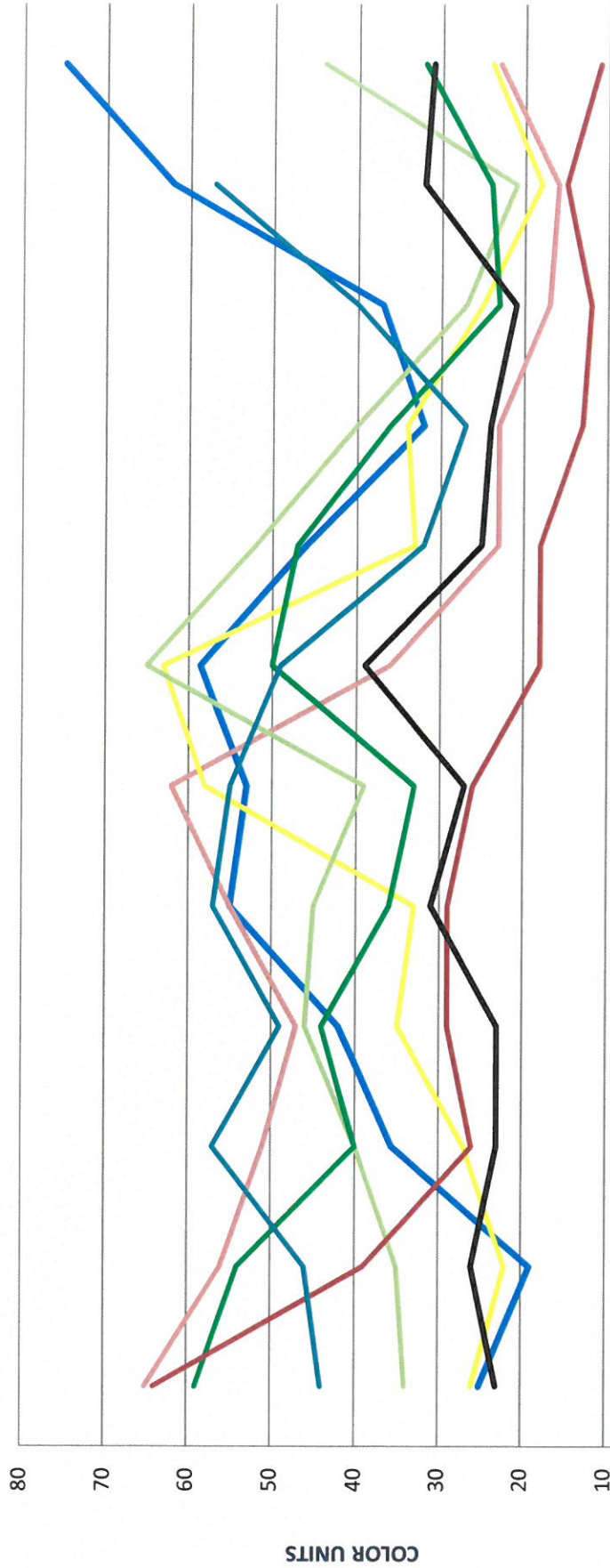


	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Jan	171	172	173	239	172	155	191	163	165	159	149	165
Feb	192	154	173	210	158	156	187	151	165	165	155	137
Mar	169	155	165	198	157	155	178	147	154	160	156	139
Apr	181	174	196	210	180	170	198	184	160	190	183	167
May	227	202	195	180	212	190	223	185	239	202	183	184
Jun	285	246	215	218	226	221	226	232	230	240	210	227
Jul	311	296	277	274	279	278	291	267	264	288	261	288
Aug	301	256	290	251	254	242	291	266	263	264	266	265
Sep	188	210	245	193	205	210	212	227	215	201	203	208
Oct	175	187	259	182	175	175	184	187	172	166	170	168
Nov	166	175	226	160	164	167	177	160	160	157	151	148
Dec	158	192	230	167	158	180	174	161	158	151	151	148

PUMPING REPORT



Transfer Pumping NORTH POND WATER QUALITY



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2011	25	18.97	35.62	42	55	53	58.6	46	32	37	62	75
2012	65	56	51	47	55	62	36	23	23	17	16	23
2013	26	22	27	35	33	58	63	33	34	25	18	24
2014	34	35	40	46	45	39	65	52	40	27	21	44
2015	59	54	40	44	36	33	50	47	36	23	24	32
2016	64	39	26	29	29	26	18	18	13	12	15	11
2017	23	26	23	23	31	27	39	25	24	21	32	31
2018	44	46	57	49	57	55	49	32	27	40	57	



