

21 March 2022

MEMORANDUM

From: Naval Facilities Engineering Systems Command Representative, EWG Team  
To: Interagency Drinking Water System Team

Subj: RECORDS OF COMPLETED NON-RESIDENTIAL FLUSHING IN THE NAVMAG, WAPIO, AND NAVMAG WEST LOCH AREAS.

Ref: (a) Non-Residential Flushing Plan, January 2022

Encl: (1) EDMS Non-Residential Flushing Records NAVMAG and Waipio Areas  
(2) EDMS Non-Residential Flushing Records NAVMAG West Loch Area  
(3) JBPHH System Pressure SCADA Data  
(4) Waipio Facility Map

1. This memo documents the completion of non-residential flushing in the NAVMAG, Waipio, and NAVMAG West Loch areas. The EDMS completed records of non-residential flushing, as shown in Enclosure (1), document the flushing of 25/25 facilities in the NAVMAG and Waipio areas. The EDMS completed records of non-residential flushing, as shown in Enclosure (2), document the flushing of 33/33 facilities in the NAVMAG West Loch area.

2. Meters 4710, 5002, and 5004 are the nearest meters to the NAVMAG, Waipio, and NAVMAG West Loch areas. Meter readings for these meters document that the distribution system maintained a pressure of at least 30 psi for the duration of non-residential flushing, as shown in Enclosure (3). Meter 9050 is not recording any pressure readings for the NAVMAG West Loch area, as the water line from Bishop Point to Iroquois Point is secured with closed valves at West Loch and Hickam. All water for this area flowed through meters 5002 and 5004 for the duration of non-residential flushing.

3. The Inactive Ship Maintenance facilities, located on the North side of the Waipio Peninsula and east of the Ted Makalena Golf Course, are included as part of the flushed facilities in Enclosure (1). Domestic water is fed to these facilities by the Joint Base Pearl Harbor-Hickam water system through Pearl City Peninsula (meter 4710). Fire Protection water supply is fed to these facilities from the Board of Water Supply. These facilities, along with others on the Waipio Peninsula, are shown in red in Enclosure (4).

4. These locations contain secure areas. Detailed site visits were conducted to determine the scope and effort needed to flush the facilities in these areas. There are also facilities in these areas that do not have water, such as bunkers, or are abandoned. All facilities that have water connections and personnel were adequately flushed.

5. I certify under penalty of law that I have personally examined and I am familiar with the information submitted, and the submitted information is true, accurate, and complete.

Very respectfully,

DIAZ.RICHARD.1288  
679351  
R. DIAZ  
LCDR, CEC, USN

Digitally signed by  
DIAZ.RICHARD.1288679351  
Date: 2022.03.21 14:02:05 -10'00'

Flushing Zone WAIPIO

2022-02-03

Total Facilities	Total	Percent Complete	No	Flushed on Selected Dates
25	25	100.0 %	0	25

Zone	Address	Arrive Date	Start Time	Finish Time	Certified	Summary General Notes	Unable To Access	Access Reason
Flushing Zone WAIPIO	Building 1, RANGE HOUSE (WAIPIO-	03-Feb-22	08:00	12:38	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 165, DEPERMING FACILITY	03-Feb-22	08:00	12:38	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 166, Generator Building (WAIPIO-	03-Feb-22	08:00	12:39	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 168, CABLE STORAGE (WAIPIO-	03-Feb-22	08:00	12:42	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 171, Guard House (WAIPIO-	03-Feb-22	08:00	12:42	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 172, Guard House (WAIPIO-	03-Feb-22	08:00	12:43	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 2, ADMINISTRATIVE BUILDING	03-Feb-22	08:00	12:44	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 200, ADMIN OFFICE/LOCKER RM	03-Feb-22	08:00	12:44	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 200A, GROUNDS EQUIPMENT	03-Feb-22	08:00	12:44	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 201, ADMINISTRATIVE BUILDING	03-Feb-22	08:00	12:45	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 201A, PARKING STRUCTURE	03-Feb-22	08:00	12:46	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 3, HEAD FACILITY/CONF ROOM	03-Feb-22	08:00	12:46	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 32, GATE HOUSE/STORAGE	03-Feb-22	08:00	12:47	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 34, ADMINISTRATIVE BUILDING	03-Feb-22	08:00	12:47	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 35, STORAGE BLDG.	03-Feb-22	08:00	12:48	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 36, STORAGE BLDG. (OXYGEN)	03-Feb-22	08:00	12:49	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 40, STORAGE SHED (WAIPIO-	03-Feb-22	08:00	12:49	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 40A, OPERATIONAL STORAGE	03-Feb-22	08:00	12:50	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 54, INSTRUMENT HSE/OFFICE-	03-Feb-22	08:00	12:51	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 55, ELECTRIC POWER PLANT-	03-Feb-22	08:00	12:51	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 58, PERSONNEL WEATHER	03-Feb-22	08:00	12:52	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 60, WAREHOUSE (WAIPIO-	03-Feb-22	08:00	12:53	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 67, GENERAL STORAGE-	03-Feb-22	08:00	12:53	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 68, LOCKER ROOM-BECKONING	03-Feb-22	08:00	12:54	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone WAIPIO	Building 162, MAINT REPAIR SHOP	03-Feb-22	08:00	12:55	<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Key

<input type="checkbox"/>	Not Started
<input type="checkbox"/>	No Access
<input type="checkbox"/>	In Progress
<input checked="" type="checkbox"/>	Complete

Flushing Zone WESLOC

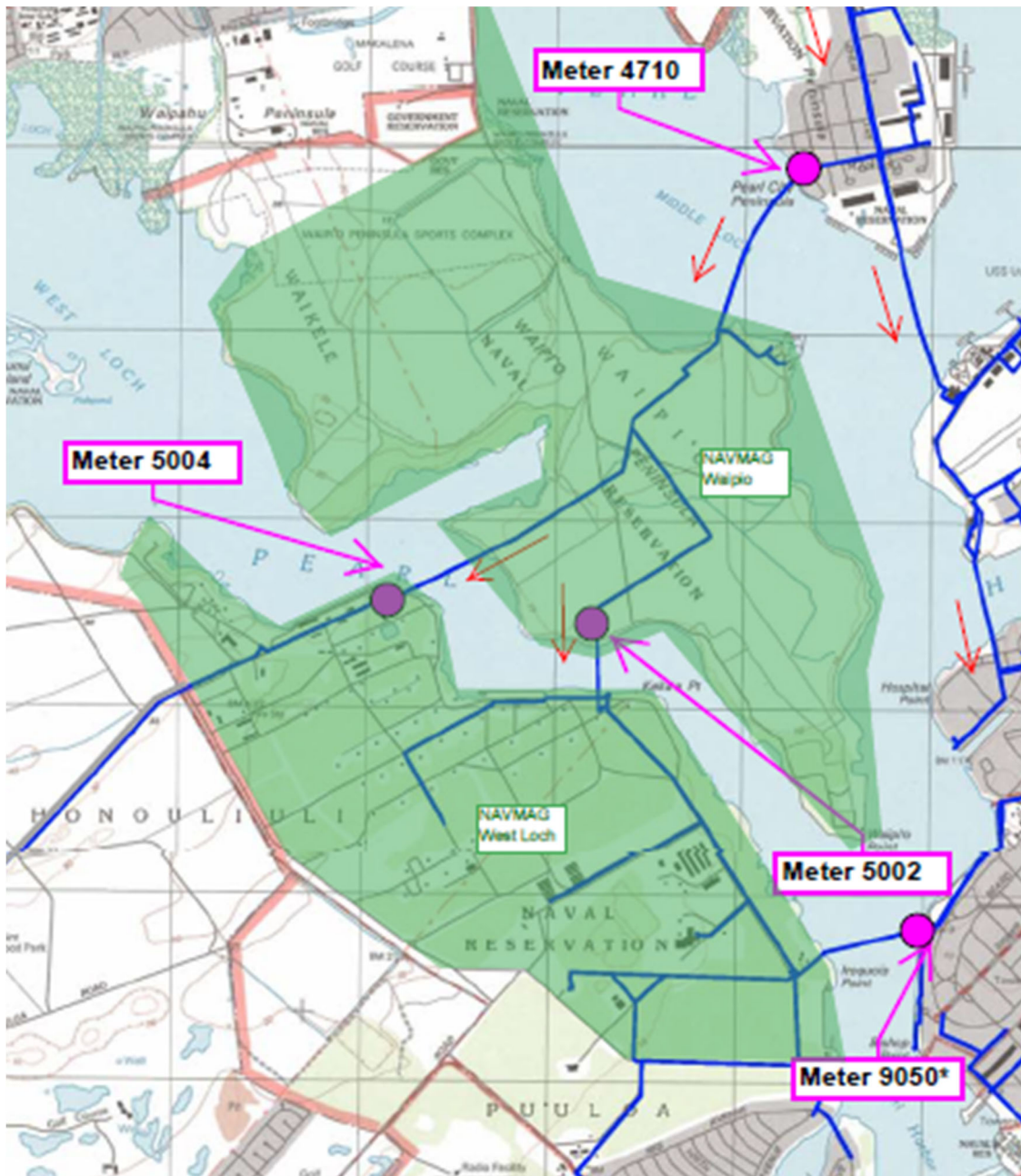
2022-02-07

Total Facilities	Total	Percent Complete	No	Flushed on Selected Dates
33	33	100.0 %	0	33

Zone	Address	Arrive Date	Start Time	Finish Time	Certified	Name Of Facility Flusher	Summary General Notes	Unable To Access	Access Reason
Flushing Zone WESLOC	1ST LT SHOP/ESS SHOP (WL-BLDG0589)	07-Feb-22	08:00	11:31	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	AMERICAN RED CROSS STORAGE (WL-	07-Feb-22	08:00	11:31	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	AUTO HOBBY SHOP - VACANT (WL-	07-Feb-22	08:00	11:32	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	CHLORINATOR BLDG/WEST LOCH (WL-	07-Feb-22	08:00	11:33	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	CHLORINATOR BLDG/WEST LOCH (WL-	07-Feb-22	08:00	11:33	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	EOD MU3 DET MIDPAC TRNG BLDG (WL-	07-Feb-22	08:00	11:34	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	EODMU DIVER FAC (WL-BLDG0547)	07-Feb-22	08:00	11:35	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	FIELD OFFICE, ORDNANCE (WL-	07-Feb-22	08:00	11:36	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	GENERATOR BLDG - WEST LOCH (WL-	07-Feb-22	08:00	11:36	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	GENERATOR BUILDING (WL-BLDG0586)	07-Feb-22	08:00	11:37	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	INTERMED DISTR FRAME (WEST LOCH)	07-Feb-22	08:00	11:38	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	LATRINE, CIVILIAN (WL-BLDG0004)	07-Feb-22	08:00	11:38	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	LOCKER RM/CHANGING RM (WL-	07-Feb-22	08:00	11:39	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	MK48 HAZMIN CENTER HAZARDOUS	07-Feb-22	08:00	11:40	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	NAVFAC HI STOREFRONT (WL-	07-Feb-22	08:00	11:41	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	OPERATIONAL STORAGE (WL-BLDG0240)	07-Feb-22	08:00	11:41	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	OTTO FUEL DRUM STRGE FAC (WL-	07-Feb-22	08:00	11:42	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	OTTO FUEL RECLAMATION FAC (WL-	07-Feb-22	08:00	11:42	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	PASS AND ID OFFICE (WL-BLDG0612)	07-Feb-22	08:00	11:43	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	READY SERVICE MAGAZINE (WL-	07-Feb-22	08:00	11:44	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	SHIPPING AND RECEIVING SHED (WL-	07-Feb-22	00:00	11:44	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	SHOP, PUBLIC WORKS (WL-BLDG0003)	07-Feb-22	08:00	11:45	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	STEVEDORES PAVILION (WL-BLDG0319)	07-Feb-22	08:00	11:46	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	STEVEDORES PAVILION (WL-BLDG0399)	07-Feb-22	08:00	11:46	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	STORAGE SHED/HAZMAT (WL-	07-Feb-22	08:00	11:47	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	STOREHOUSE INERT (21W11) (WL-	07-Feb-22	08:00	11:48	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	STOREHOUSE, EQUIPMENT (WL-	07-Feb-22	08:00	11:49	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	TOMAHAWK MISSILE SHOP (WL-	07-Feb-22	08:00	11:49	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	TORPEDO SHOP MK48 (WL-BLDG0440)	07-Feb-22	08:00	11:50	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	TORPEDO SHOP STRG MK48 (WL-	07-Feb-22	08:00	11:51	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	WEAPONS SHOP/LEACH FIELD (WL-	07-Feb-22	08:00	11:51	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	WEAPONS/AUW SHOPS (WL-BLDG0489)	07-Feb-22	08:00	11:52	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	
Flushing Zone WESLOC	WEST LOCH FIRE STATION (WL-	07-Feb-22	08:00	11:53	<input checked="" type="checkbox"/>	Seabee		<input type="checkbox"/>	

Key

<input type="checkbox"/>	Not Started
<input type="checkbox"/>	No Access
<input type="checkbox"/>	In Progress
<input checked="" type="checkbox"/>	Complete



\*Meter 9050 is not recording any pressure readings for the NAVMAG West Loch area, as the water line from West Loch to Hickam is secured with closed valves on both ends.

Date	Time	Date/Time	Meter											
			4787	4127	2805	4710	5004	5002	9050	7158	6780	2550	1846	1485
3-Feb-22	0:00:00	03-Feb-2200:00	68.8	28.8	3.2	78.5	75.2	76.0	70.4	73.0	64.0	35.7	61.9	62.0
3-Feb-22	0:30:00	03-Feb-2200:30	68.8	28.8	3.2	79.0	76.0	76.0	71.0	73.3	64.0	36.0	62.0	62.0
3-Feb-22	1:00:00	03-Feb-2201:00	68.8	28.8	3.2	79.0	76.0	76.6	71.0	74.0	64.0	36.6	62.6	62.0
3-Feb-22	1:30:00	03-Feb-2201:30	68.8	29.2	3.2	79.0	76.0	76.5	71.2	74.0	64.0	36.9	63.0	62.0
3-Feb-22	2:00:00	03-Feb-2202:00	70.4	29.7	3.2	79.9	76.9	77.0	72.0	74.1	64.0	37.0	63.0	62.0
3-Feb-22	2:30:00	03-Feb-2202:30	70.8	29.7	3.2	80.0	77.0	77.2	72.0	75.0	64.0	37.0	63.4	62.0
3-Feb-22	3:00:00	03-Feb-2203:00	70.8	29.7	3.2	80.0	77.3	78.0	72.0	75.0	64.0	37.9	64.0	62.0
3-Feb-22	3:30:00	03-Feb-2203:30	70.8	30.5	3.2	80.7	77.7	77.8	72.7	75.0	64.0	38.0	64.0	62.0
3-Feb-22	4:00:00	03-Feb-2204:00	66.0	30.3	3.2	79.4	78.0	76.5	72.4	74.1	64.0	37.4	62.8	62.0
3-Feb-22	4:30:00	03-Feb-2204:30	61.0	29.7	3.2	73.7	71.5	71.0	70.0	71.6	64.0	36.0	62.0	62.0
3-Feb-22	5:00:00	03-Feb-2205:00	61.0	29.7	3.2	73.0	70.0	70.4	70.0	71.0	64.0	35.8	61.6	62.0
3-Feb-22	5:30:00	03-Feb-2205:30	61.0	29.0	3.2	72.5	69.5	70.2	69.2	71.0	64.0	35.0	61.0	62.0
3-Feb-22	6:00:00	03-Feb-2206:00	61.0	28.7	3.2	72.0	69.0	69.3	68.9	70.6	64.0	34.7	60.7	62.0
3-Feb-22	6:30:00	03-Feb-2206:30	60.0	28.7	3.2	72.0	69.0	68.8	68.2	70.0	64.0	34.1	60.0	62.0
3-Feb-22	7:00:00	03-Feb-2207:00	59.0	27.9	3.2	71.4	68.1	68.3	67.8	69.3	64.0	33.3	58.9	62.0
3-Feb-22	7:30:00	03-Feb-2207:30	59.0	27.7	3.2	70.7	67.7	67.7	67.0	69.0	64.0	33.0	58.0	62.0
3-Feb-22	8:00:00	03-Feb-2208:00	60.7	27.0	3.2	70.3	67.0	66.7	66.2	68.4	64.0	32.7	58.2	62.0
3-Feb-22	8:30:00	03-Feb-2208:30	66.8	27.8	3.2	75.5	71.5	70.4	68.0	71.5	64.0	33.9	60.0	62.0
3-Feb-22	9:00:00	03-Feb-2209:00	68.1	27.8	3.2	77.0	73.6	73.0	68.9	72.0	64.0	34.7	60.0	63.0
3-Feb-22	9:30:00	03-Feb-2209:30	68.8	27.8	3.2	77.0	73.3	73.0	69.6	72.2	64.0	34.2	60.1	62.5
3-Feb-22	10:00:00	03-Feb-2210:00	68.8	27.8	3.2	77.0	73.3	72.4	69.2	72.1	64.0	34.9	60.7	62.4
3-Feb-22	10:30:00	03-Feb-2210:30	68.2	27.8	3.2	77.0	73.7	73.0	70.0	72.0	64.0	35.0	60.4	63.0
3-Feb-22	11:00:00	03-Feb-2211:00	68.7	27.8	3.2	77.3	74.4	73.5	69.7	72.0	64.0	35.0	61.0	63.0
3-Feb-22	11:30:00	03-Feb-2211:30	67.8	27.8	3.2	77.9	74.2	74.0	70.0	72.3	64.0	35.0	60.7	63.2
3-Feb-22	12:00:00	03-Feb-2212:00	67.4	27.8	3.2	77.3	73.8	73.5	69.9	72.0	64.0	35.0	60.7	62.9
3-Feb-22	12:30:00	03-Feb-2212:30	67.4	28.0	3.2	77.0	73.6	72.7	69.6	72.0	64.0	34.7	61.0	63.1
3-Feb-22	13:00:00	03-Feb-2213:00	67.6	28.8	3.2	77.7	74.0	73.7	70.0	72.8	64.0	35.0	61.0	64.0
3-Feb-22	13:30:00	03-Feb-2213:30	69.4	28.8	3.2	78.0	74.3	74.0	70.8	73.0	64.0	35.9	62.0	64.9
3-Feb-22	14:00:00	03-Feb-2214:00	69.4	28.8	3.2	78.0	74.3	74.0	71.0	73.0	64.0	36.3	62.0	65.0
3-Feb-22	14:30:00	03-Feb-2214:30	69.4	28.8	3.2	78.0	74.3	73.5	70.7	73.0	64.0	36.3	62.7	64.7
3-Feb-22	15:00:00	03-Feb-2215:00	69.4	28.8	3.2	78.0	74.9	73.6	71.0	73.1	64.0	36.7	63.2	65.0
3-Feb-22	15:30:00	03-Feb-2215:30	69.4	29.7	3.2	78.3	74.9	74.4	71.0	74.0	64.0	37.0	62.8	65.0
3-Feb-22	16:00:00	03-Feb-2216:00	69.4	29.7	3.2	78.2	74.8	74.4	71.2	74.0	64.0	37.0	63.2	65.0
3-Feb-22	16:30:00	03-Feb-2216:30	69.4	29.7	3.2	79.0	75.6	75.9	72.0	74.0	64.0	37.0	63.0	66.0
3-Feb-22	17:00:00	03-Feb-2217:00	67.5	29.5	3.2	79.2	76.0	76.0	72.0	74.0	64.0	37.0	62.7	65.9
3-Feb-22	17:30:00	03-Feb-2217:30	61.0	27.3	3.2	73.2	71.6	69.7	69.3	70.9	64.0	35.0	60.7	63.0
3-Feb-22	18:00:00	03-Feb-2218:00	61.0	26.8	3.2	72.8	69.0	69.0	69.0	70.0	64.0	35.0	60.6	63.0
3-Feb-22	18:30:00	03-Feb-2218:30	61.0	26.8	3.2	71.4	68.4	68.7	68.1	70.0	64.0	34.3	60.0	62.3
3-Feb-22	19:00:00	03-Feb-2219:00	59.0	25.8	3.2	71.0	67.7	68.0	67.6	69.2	64.0	33.7	59.6	61.7

3-Feb-22	19:30:00	03-Feb-22	19:30:00	62.7	27.4	3.2	72.8	69.5	69.8	68.0	71.4	64.0	34.7	59.5	62.1
3-Feb-22	20:00:00	03-Feb-22	20:00:00	68.4	28.8	3.2	78.0	74.7	75.0	70.0	72.5	64.0	35.7	61.7	64.0
3-Feb-22	20:30:00	03-Feb-22	20:30:00	68.4	28.8	3.2	78.0	75.0	75.5	70.0	72.9	64.0	36.0	62.0	64.0
3-Feb-22	21:00:00	03-Feb-22	21:00:00	68.4	28.8	3.2	78.0	75.3	75.0	70.7	73.0	64.0	36.0	62.0	64.2
3-Feb-22	21:30:00	03-Feb-22	21:30:00	68.4	28.8	3.2	78.8	75.8	75.5	71.0	73.3	64.0	36.0	62.4	65.0
3-Feb-22	22:00:00	03-Feb-22	22:00:00	68.9	29.1	3.2	79.0	76.0	76.4	71.0	74.0	64.0	36.7	62.4	65.0
3-Feb-22	22:30:00	03-Feb-22	22:30:00	70.4	29.8	3.2	79.0	76.0	76.7	71.3	74.0	64.0	37.0	63.0	65.0
3-Feb-22	23:00:00	03-Feb-22	23:00:00	70.4	29.8	3.2	79.9	76.0	76.4	71.6	74.0	64.0	37.0	63.0	65.0
3-Feb-22	23:30:00	03-Feb-22	23:30:00	70.4	29.8	3.2	80.0	76.3	77.0	72.0	74.0	64.0	37.0	63.3	65.5
7-Feb-22	0:00:00	07-Feb-22	00:00:00	60.6	26.9	3.2	72.4	69.1	69.1	69.1	70.4	64.0	35.0	61.0	63.3
7-Feb-22	0:30:00	07-Feb-22	00:30:00	60.6	26.9	3.2	72.0	69.0	69.3	69.0	70.2	64.0	35.0	61.0	63.0
7-Feb-22	1:00:00	07-Feb-22	01:00:00	60.6	27.4	3.2	72.0	69.0	69.3	69.0	70.0	64.0	35.0	61.0	63.0
7-Feb-22	1:30:00	07-Feb-22	01:30:00	60.6	27.9	3.2	72.0	69.0	69.1	69.0	70.0	64.0	35.0	61.0	63.0
7-Feb-22	2:00:00	07-Feb-22	02:00:00	60.6	27.9	3.2	72.0	69.0	69.8	69.0	70.0	64.0	35.0	60.8	63.0
7-Feb-22	2:30:00	07-Feb-22	02:30:00	60.6	27.9	3.2	72.0	69.0	69.9	69.0	70.0	64.0	35.0	60.9	63.0
7-Feb-22	3:00:00	07-Feb-22	03:00:00	60.6	27.9	3.2	72.0	68.8	69.7	68.8	70.0	64.0	35.0	60.9	63.0
7-Feb-22	3:30:00	07-Feb-22	03:30:00	67.5	28.5	3.2	74.2	73.4	74.4	70.7	73.6	64.0	36.7	61.9	63.8
7-Feb-22	4:00:00	07-Feb-22	04:00:00	69.7	28.8	3.2	79.0	76.1	76.3	71.1	73.4	64.0	36.2	62.1	65.0
7-Feb-22	4:30:00	07-Feb-22	04:30:00	69.7	28.8	3.2	79.0	76.2	76.6	71.2	73.7	64.0	36.6	63.0	65.0
7-Feb-22	5:00:00	07-Feb-22	05:00:00	69.7	28.8	3.2	79.0	75.7	76.0	71.0	73.7	64.0	37.0	62.1	64.2
7-Feb-22	5:30:00	07-Feb-22	05:30:00	69.7	28.8	3.2	78.5	75.2	75.7	70.4	73.2	64.0	36.4	62.0	64.3
7-Feb-22	6:00:00	07-Feb-22	06:00:00	69.7	28.8	3.2	78.0	75.0	75.1	70.1	73.0	64.0	36.0	61.8	64.0
7-Feb-22	6:30:00	07-Feb-22	06:30:00	69.7	28.8	3.2	78.1	75.3	75.6	70.3	73.0	64.0	36.0	61.0	64.0
7-Feb-22	7:00:00	07-Feb-22	07:00:00	69.7	28.8	3.2	78.5	75.0	75.0	70.0	73.0	64.0	36.0	61.0	64.0
7-Feb-22	7:30:00	07-Feb-22	07:30:00	69.7	28.8	3.2	78.0	75.0	75.0	70.0	73.0	64.0	36.0	61.0	64.0
7-Feb-22	8:00:00	07-Feb-22	08:00:00	68.9	28.8	3.2	77.6	73.6	73.0	69.7	72.8	64.0	35.8	61.0	64.0
7-Feb-22	8:30:00	07-Feb-22	08:30:00	67.7	28.8	3.2	77.5	73.5	72.4	70.0	72.9	64.0	35.6	61.0	64.0
7-Feb-22	9:00:00	07-Feb-22	09:00:00	67.7	28.8	3.2	77.3	73.6	72.3	70.1	72.6	64.0	35.3	61.0	64.0
7-Feb-22	9:30:00	07-Feb-22	09:30:00	68.5	28.8	3.2	77.0	72.5	71.3	70.0	72.8	64.0	35.3	60.7	64.0
7-Feb-22	10:00:00	07-Feb-22	10:00:00	69.7	28.8	3.2	77.0	73.0	71.6	70.0	73.0	64.0	36.0	61.3	64.0
7-Feb-22	10:30:00	07-Feb-22	10:30:00	68.4	28.8	3.2	77.6	71.0	67.4	70.0	72.7	64.0	35.7	61.0	64.0
7-Feb-22	11:00:00	07-Feb-22	11:00:00	68.2	28.8	3.2	77.6	73.9	72.2	70.3	73.0	64.0	36.0	61.0	64.0
7-Feb-22	11:30:00	07-Feb-22	11:30:00	68.2	28.8	3.2	77.7	73.7	72.4	70.0	72.7	64.0	36.0	61.0	64.0
7-Feb-22	12:00:00	07-Feb-22	12:00:00	68.2	28.8	3.2	78.5	74.3	73.0	70.0	73.0	64.0	35.4	61.0	63.1
7-Feb-22	12:30:00	07-Feb-22	12:30:00	68.2	28.8	3.2	78.4	74.0	73.0	70.3	73.0	64.0	35.9	61.0	63.9
7-Feb-22	13:00:00	07-Feb-22	13:00:00	68.2	28.8	3.2	78.0	74.0	73.0	70.4	73.0	64.0	35.8	61.5	64.2
7-Feb-22	13:30:00	07-Feb-22	13:30:00	68.2	29.2	3.4	78.2	74.7	73.7	71.0	73.0	64.0	37.0	63.0	65.0
7-Feb-22	14:00:00	07-Feb-22	14:00:00	68.3	29.8	4.2	78.1	74.4	73.7	70.7	73.0	64.0	36.7	62.5	64.9
7-Feb-22	14:30:00	07-Feb-22	14:30:00	68.7	29.8	4.2	78.1	75.0	74.0	71.0	73.2	64.0	36.7	62.9	65.3
7-Feb-22	15:00:00	07-Feb-22	15:00:00	70.0	29.8	4.2	79.0	75.2	74.8	71.4	74.0	64.0	37.3	63.6	65.7
7-Feb-22	15:30:00	07-Feb-22	15:30:00	61.3	29.0	4.2	74.6	71.7	70.9	70.3	71.3	64.0	35.6	60.5	64.3

7-Feb-22	16:00:00	07-Feb-22	16:00	60.4	28.8	4.2	72.0	68.7	69.0	69.0	70.7	64.0	35.3	60.4	63.2
7-Feb-22	16:30:00	07-Feb-22	16:30	60.8	28.8	4.2	72.0	68.7	69.3	69.0	70.1	64.0	34.1	60.7	62.4
7-Feb-22	17:00:00	07-Feb-22	17:00	61.3	28.8	4.2	72.0	69.0	69.0	69.0	70.3	64.0	34.8	61.0	63.0
7-Feb-22	17:30:00	07-Feb-22	17:30	60.4	28.0	4.2	71.8	68.2	68.5	68.2	70.0	64.0	34.3	60.0	62.4
7-Feb-22	18:00:00	07-Feb-22	18:00	59.2	27.9	4.2	71.0	67.4	67.6	68.0	69.3	64.0	34.0	59.7	62.0
7-Feb-22	18:30:00	07-Feb-22	18:30	60.4	27.7	4.2	70.5	67.0	67.3	67.6	69.0	64.0	33.8	59.3	61.4
7-Feb-22	19:00:00	07-Feb-22	19:00	67.3	27.9	4.2	76.2	73.1	72.9	69.6	71.8	64.0	34.9	59.0	62.9
7-Feb-22	19:30:00	07-Feb-22	19:30	67.3	27.9	4.2	77.0	74.0	73.9	69.7	72.1	64.0	35.0	60.8	63.2
7-Feb-22	20:00:00	07-Feb-22	20:00	67.3	27.9	4.2	77.2	74.0	73.8	70.0	72.2	64.0	35.0	61.0	64.0
7-Feb-22	20:30:00	07-Feb-22	20:30	67.3	27.9	4.2	78.0	74.6	74.0	70.0	72.7	64.0	35.4	61.3	64.0
7-Feb-22	21:00:00	07-Feb-22	21:00	68.5	28.8	4.2	78.0	74.6	75.0	70.0	72.7	64.0	36.0	61.9	64.0
7-Feb-22	21:30:00	07-Feb-22	21:30	69.3	28.8	4.2	78.0	74.8	75.0	70.8	73.0	64.0	36.0	62.0	64.4
7-Feb-22	22:00:00	07-Feb-22	22:00	69.3	28.8	4.2	78.1	75.0	75.0	71.0	73.0	64.0	36.3	62.3	65.0
7-Feb-22	22:30:00	07-Feb-22	22:30	69.3	28.8	4.2	79.0	75.5	75.8	71.0	73.6	64.0	36.6	62.6	65.0
7-Feb-22	23:00:00	07-Feb-22	23:00	69.3	28.4	4.2	79.0	75.4	75.3	71.0	73.3	64.0	37.0	62.6	65.0
7-Feb-22	23:30:00	07-Feb-22	23:30	69.3	27.9	4.2	79.0	75.2	75.5	71.2	73.8	64.0	37.0	63.0	65.0

