

Flood Forecasting and Warning Center, Bangladesh Water Development Board

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Medium Range 1-10 days Probabilistic Forecast

Forecast As of 15 October 2024

Outlook for the Next 10 Days:

- The Brahmaputra-Jamuna River system may decrease steadily for the next 5 days and later may remain steady. There is no probability of danger level exceedance in Kurigram, Gaibandha, Jamalpur, Sirajganj, Bagura, Pabna, Manikganj and Tangail districts in the Brahmaputra-Jamuna River system within the next 10 days.
- The Ganges-Padma River system may decrease steadily for the next 7 days. There is no probability of danger level exceedance in Rajshahi, Kustia, Rajbari, Manikganj, Madaripur, Munsiganj, Chapai Nawabganj, Pabna, Shariatpur and Faridpur districts in the Ganges-Padma River system within the next 10 days.
- The rivers around Dhaka city may decrease steadily for the next 7-8 days. In the next 10 days, there is no probability of danger level exceedance in the rivers around Dhaka city, Narayanganj, Gazipur, and Munsiganj.

For viewing interactive hydrographs of the Medium Range forecast please visit:

<http://ffwc.gov.bd/index.php/hydrograph/medium-range-1-10-days-forecast>

আগামী ১০ দিনের সম্ভাব্য পূর্বাভাস:

- ব্রহ্মপুত্র-যমুনা নদীর পানি সমতল বর্তমানে হ্রাস পাচ্ছে এবং আগামী ৭-৮ দিন তা অব্যাহত থাকতে পারে। আগামী ১০ দিনের মধ্যে কুড়িগ্রাম, গাইবান্ধা, জামালপুর, সিরাজগঞ্জ, বগুড়া, পাবনা, মানিকগঞ্জ ও টাঙ্গাইল জেলায় ব্রহ্মপুত্র-যমুনা নদীর অববাহিকায় বিপদসীমা অতিক্রমের সম্ভাবনা নেই।
- গঙ্গা-পদ্মা নদীর পানি সমতল বর্তমানে হ্রাস পাচ্ছে এবং আগামী ৭-৮ দিন তা অব্যাহত থাকতে পারে। আগামী ১০ দিনের মধ্যে রাজশাহী, কুষ্টিয়া, রাজবাড়ি, মানিকগঞ্জ, মাদারিপুর, মুন্সিগঞ্জ, চাঁপাই নবাবগঞ্জ, পাবনা, শরীয়তপুর ও ফরিদপুর জেলায় গঙ্গা-পদ্মা নদীর অববাহিকায় বিপদসীমা অতিক্রমের সম্ভাবনা নেই।
- ঢাকার চারপাশের নদীসমূহের পানি সমতল আগামী ৭-৮ দিন স্থিতিশীলভাবে হ্রাস পেতে পারে। তবে আগামী ১০ দিনের মধ্যে নারায়ণগঞ্জ, গাজীপুর, মুন্সিগঞ্জ ও ঢাকার চারপাশের নদীসমূহের অববাহিকায় বিপদসীমা অতিক্রমের সম্ভাবনা নেই।

১০ দিনের সম্ভাব্যতা ভিত্তিক পূর্বাভাসের ইন্টার্যাক্টিভ হাইড্রোগ্রাফ দেখতে ভিজিট করুন:

<http://ffwc.gov.bd/index.php/hydrograph/medium-range-1-10-days-forecast>

Forecast made on: 15-10-2024 (Page 1/5)

Water Level in [m]			today	1-day fore- cast	2-day fore- cast	3-day fore- cast	4-day fore- cast	5-day fore- cast	6-day fore- cast	7-day fore- cast	8-day fore- cast	9-day fore- cast	10-day fore- cast	Forecast type	
River	Station	D.L	0600	15-10	16-10	17-10	18-10	19-10	20-10	21-10	22-10	23-10	24-10	25-10	
Jamuna	Bahadurabad	19.05	17.19	17.08	17.04	17.01	16.99	16.99	16.99	17.00	17.02	17.03	17.06	Upper Range	
				17.07	17.01	16.97	16.94	16.91	16.89	16.88	16.88	16.90	16.90	Lower Range	
				17.08	17.03	16.99	16.96	16.95	16.94	16.95	16.96	16.97	16.99	Mean	
Jamuna	Sariakandi	16.25	14.66	14.49	14.41	14.37	14.34	14.32	14.32	14.33	14.35	14.37	14.39	Upper Range	
				14.49	14.39	14.33	14.29	14.25	14.22	14.21	14.20	14.21	14.22	Lower Range	
				14.49	14.40	14.35	14.31	14.28	14.27	14.27	14.28	14.30	14.31	Mean	
Jamuna	Kazipur	14.80	12.97	12.80	12.71	12.67	12.64	12.62	12.62	12.63	12.64	12.66	12.68	Upper Range	
				12.80	12.70	12.64	12.60	12.56	12.54	12.52	12.51	12.52	12.52	Lower Range	
				12.80	12.71	12.66	12.62	12.59	12.58	12.58	12.58	12.60	12.61	Mean	
Jamuna	Serajganj	12.90	11.35	11.18	11.09	11.05	11.01	10.99	10.99	10.99	11.01	11.02	11.04	Upper Range	
				11.18	11.08	11.02	10.97	10.94	10.91	10.89	10.88	10.89	10.89	Lower Range	
				11.18	11.08	11.03	10.99	10.96	10.95	10.95	10.95	10.96	10.97	Mean	
Jamuna	Aricha	8.95	7.24	7.11	7.01	6.95	6.91	6.88	6.85	6.84	6.82	6.80	6.77	Upper Range	
				7.11	7.01	6.94	6.89	6.84	6.81	6.77	6.74	6.70	6.66	Lower Range	
				7.11	7.01	6.94	6.90	6.86	6.83	6.80	6.78	6.75	6.72	Mean	
Ganges	Fulchari	19.35	17.39	17.27	17.21	17.17	17.14	17.11	17.09	17.08	17.08	17.10	17.10	Upper Range	
				17.28	17.24	17.21	17.19	17.19	17.19	17.20	17.22	17.23	17.26	Lower Range	
				17.28	17.23	17.19	17.16	17.15	17.14	17.15	17.16	17.17	17.19	Mean	
Ganges- Padma	Hardinge Bridge	13.80	10.80	10.70	10.61	10.56	10.53	10.51	10.47	10.39	10.28	10.13	9.96	Upper Range	
				10.70	10.61	10.55	10.52	10.48	10.42	10.33	10.20	10.05	9.86	Lower Range	
				10.70	10.61	10.56	10.52	10.49	10.44	10.36	10.24	10.09	9.92	Mean	
Ganges	Rajshahi	18.05	15.21	15.10	15.01	14.95	14.92	14.88	14.83	14.75	14.64	14.50	14.33	Upper Range	
				15.10	15.01	14.96	14.93	14.91	14.87	14.81	14.71	14.58	14.43	Lower Range	
				15.10	15.01	14.96	14.93	14.90	14.85	14.78	14.68	14.55	14.39	Mean	

Forecast made on: 15-10-2024 (Page 2/5)

Water Level in [m]			today	1-day fore- cast	2-day fore- cast	3-day fore- cast	4-day fore- cast	5-day fore- cast	6-day fore- cast	7-day fore- cast	8-day fore- cast	9-day fore- cast	10-day fore- cast	Forecast type
River	Station	D.L	15-10	16-10	17-10	18-10	19-10	20-10	21-10	22-10	23-10	24-10	25-10	
Padma	Goalondo	8.20	6.57	6.44	6.34	6.27	6.23	6.20	6.17	6.15	6.13	6.10	6.06	Upper Range
				6.44	6.33	6.26	6.21	6.16	6.12	6.09	6.04	6.00	5.95	Lower Range
				6.44	6.34	6.27	6.22	6.18	6.15	6.12	6.09	6.06	6.01	Mean
Padma	Bhagyakul	5.85	4.15	4.05	3.96	3.89	3.85	3.82	3.80	3.78	3.76	3.74	3.70	Upper Range
				4.05	3.95	3.89	3.84	3.80	3.76	3.73	3.69	3.66	3.61	Lower Range
				4.05	3.95	3.89	3.85	3.81	3.78	3.75	3.73	3.70	3.66	Mean
Padma	Mawa	5.65	4.07	3.99	3.90	3.85	3.81	3.78	3.76	3.74	3.72	3.71	3.67	Upper Range
				3.99	3.90	3.84	3.80	3.76	3.73	3.70	3.67	3.64	3.60	Lower Range
				3.99	3.90	3.84	3.80	3.77	3.74	3.72	3.70	3.67	3.64	Mean
Padma	Sureshwar	4.00	1.89	1.83	1.76	1.71	1.68	1.65	1.63	1.62	1.60	1.59	1.56	Upper Range
				1.83	1.76	1.71	1.67	1.63	1.61	1.58	1.56	1.53	1.50	Lower Range
				1.83	1.76	1.71	1.67	1.64	1.62	1.60	1.58	1.56	1.53	Mean
Old Brahmaputra	Jamalpur	16.55	11.16	11.18	11.13	11.08	11.03	10.98	10.95	10.92	10.91	10.91	10.91	Upper Range
				11.18	11.13	11.08	11.02	10.97	10.92	10.89	10.86	10.85	10.83	Lower Range
				11.18	11.13	11.08	11.03	10.97	10.93	10.91	10.89	10.88	10.88	Mean
Old Brahmaputra	Mymensingh	12.05	5.62	6.03	6.26	6.34	6.34	6.31	6.26	6.21	6.17	6.14	6.13	Upper Range
				6.03	6.26	6.34	6.34	6.30	6.25	6.19	6.14	6.10	6.07	Lower Range
				6.03	6.26	6.34	6.34	6.31	6.25	6.20	6.15	6.12	6.10	Mean

Forecast made on: 15-10-2024 (Page 3/5)

		today	1-day fore- cast	2-day fore- cast	3-day fore- cast	4-day fore- cast	5-day fore- cast	6-day fore- cast	7-day fore- cast	8-day fore- cast	9-day fore- cast	10-day fore- cast	Forecast type	
Water Level in [m]		15-10	16-10	17-10	18-10	19-10	20-10	21-10	22-10	23-10	24-10	25-10		
River	Station	D.L	0600	0600	0600	0600	0600	0600	0600	0600	0600	0600		
Dhaleswari	Elashinghat	10.95	8.46	8.31	8.20	8.13	8.09	8.05	8.03	8.02	8.03	8.04	8.05	Upper Range
				8.31	8.19	8.12	8.05	8.00	7.96	7.93	7.92	7.91	7.90	Lower Range
				8.31	8.19	8.12	8.07	8.02	7.99	7.98	7.98	7.98	7.98	Mean
Dhaleswari	Jagir	7.80	4.74	4.80	4.80	4.77	4.73	4.70	4.66	4.64	4.63	4.62	4.62	Upper Range
				4.80	4.79	4.77	4.73	4.69	4.65	4.62	4.59	4.58	4.56	Lower Range
				4.80	4.79	4.77	4.73	4.69	4.66	4.63	4.61	4.60	4.59	Mean
Dhaleswari	Rekabi Bazar (Munshiganj)	4.75	2.82	2.78	2.73	2.69	2.66	2.63	2.61	2.59	2.58	2.57	2.55	Upper Range
				2.78	2.73	2.68	2.65	2.62	2.59	2.57	2.55	2.53	2.50	Lower Range
				2.78	2.73	2.69	2.65	2.62	2.60	2.58	2.56	2.55	2.53	Mean
Tongi Khal	Tongi	5.65	3.37	3.38	3.36	3.33	3.31	3.29	3.29	3.29	3.30	3.31	3.32	Upper Range
				3.38	3.36	3.33	3.31	3.29	3.27	3.27	3.28	3.29	3.29	Lower Range
				3.38	3.36	3.33	3.31	3.29	3.28	3.28	3.29	3.30	3.31	Mean
Turag	Mirpur	5.50	3.25	3.23	3.19	3.15	3.12	3.10	3.08	3.06	3.06	3.04	3.04	Upper Range
				3.23	3.19	3.15	3.11	3.08	3.06	3.04	3.02	3.00	2.98	Lower Range
				3.23	3.19	3.15	3.12	3.08	3.07	3.04	3.04	3.03	3.00	Mean
Buriganga	Dhaka	5.55	3.18	3.15	3.10	3.06	3.02	3.00	2.98	2.96	2.95	2.94	2.92	Upper Range
				3.15	3.10	3.05	3.02	2.99	2.96	2.94	2.92	2.90	2.87	Lower Range
				3.15	3.10	3.05	3.02	2.99	2.97	2.95	2.93	2.92	2.90	Mean

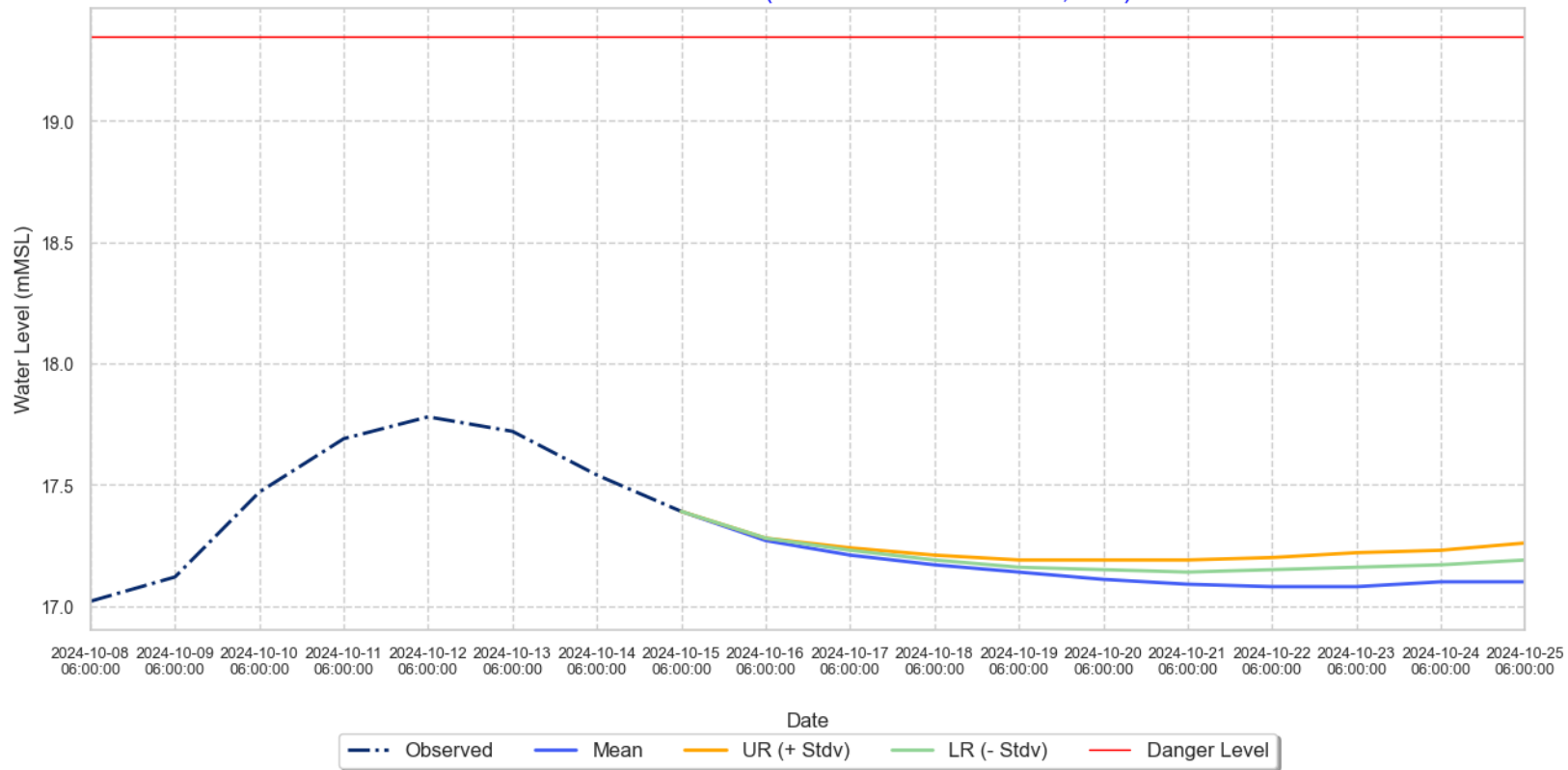
Forecast made on: 15-10-2024 (Page 4/5)

			today	1-day fore- cast	2-day fore- cast	3-day fore- cast	4-day fore- cast	5-day fore- cast	6-day fore- cast	7-day fore- cast	8-day fore- cast	9-day fore- cast	10-day fore- cast	Forecast type
Water Level in [m]			15-10	16-10	17-10	18-10	19-10	20-10	21-10	22-10	23-10	24-10	25-10	
River	Station	D.L	0600	0600	0600	0600	0600	0600	0600	0600	0600	0600	0600	
Balu	Demra	5.30	1.87	1.90	1.91	1.90	1.90	1.91	1.95	1.97	1.98	2.00	2.01	Upper Range
				1.90	1.91	1.90	1.90	1.91	1.94	1.95	1.96	1.98	1.98	Lower Range
				1.90	1.91	1.90	1.90	1.91	1.94	1.96	1.97	1.99	2.00	Mean
Lakhya	Narayanganj	5.05	3.04	3.02	2.99	2.96	2.94	2.92	2.92	2.92	2.92	2.92	2.91	Upper Range
				3.02	2.99	2.96	2.93	2.91	2.91	2.90	2.89	2.88	2.87	Lower Range
				3.02	2.99	2.96	2.93	2.92	2.91	2.91	2.90	2.90	2.89	Mean
Gorai	Gorai Rly Bridge	12.01	9.23	9.13	9.05	9.01	8.98	8.96	8.93	8.88	8.80	8.68	8.54	Upper Range
				9.13	9.05	9.00	8.97	8.94	8.89	8.83	8.73	8.61	8.46	Lower Range
				9.13	9.05	9.00	8.97	8.95	8.91	8.85	8.77	8.65	8.51	Mean
Gorai	Kamarkhali	7.75	5.94	5.85	5.77	5.72	5.69	5.66	5.64	5.60	5.55	5.46	5.34	Upper Range
				5.85	5.77	5.72	5.68	5.65	5.61	5.57	5.49	5.40	5.27	Lower Range
				5.85	5.77	5.72	5.68	5.66	5.63	5.58	5.52	5.43	5.31	Mean
Arial Khan	Madaripur	3.75	2.30	2.27	2.22	2.17	2.12	2.08	2.05	2.03	2.01	2.00	1.98	Upper Range
				2.27	2.22	2.17	2.11	2.07	2.03	2.00	1.97	1.94	1.91	Lower Range
				2.27	2.22	2.17	2.12	2.07	2.04	2.01	1.99	1.98	1.95	Mean
Atrai	Baghabari	9.95	8.58	8.47	8.37	8.29	8.23	8.18	8.15	8.13	8.12	8.11	8.10	Upper Range
				8.47	8.37	8.28	8.21	8.15	8.10	8.06	8.03	8.01	7.98	Lower Range
				8.47	8.37	8.29	8.22	8.17	8.13	8.10	8.08	8.07	8.04	Mean

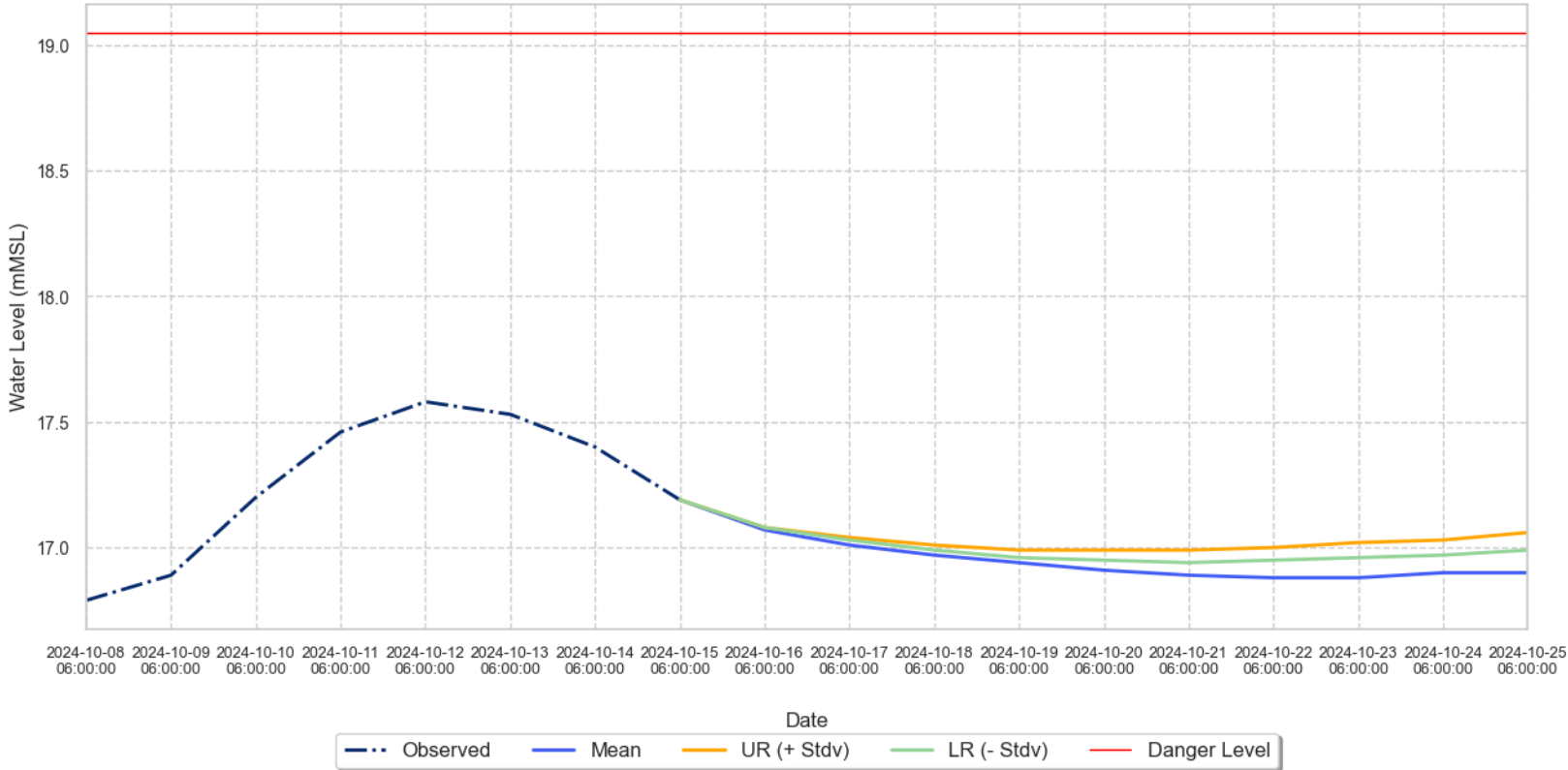
Forecast made on: 15-10-2024 (Page 5/5)

Water Level in [m]			today	1-day fore- cast	2-day fore- cast	3-day fore- cast	4-day fore- cast	5-day fore- cast	6-day fore- cast	7-day fore- cast	8-day fore- cast	9-day fore- cast	10-day fore- cast	Forecast type
River	Station	D.L	15-10	16-10	17-10	18-10	19-10	20-10	21-10	22-10	23-10	24-10	25-10	
Atrai	Mohadevpur	18.15	12.92	12.79	12.72	12.66	12.61	12.58	12.56	12.55	12.54	12.53	12.53	Mean
Khusiyara	Sheola	13.05	9.38	7.20	6.00	5.31	4.88	4.61	4.44	4.33	4.24	4.16	4.09	Mean
Khusiyara	Sherpur	8.55	6.80	6.46	5.79	5.28	4.95	4.75	4.63	4.54	4.46	4.39	4.33	Mean
Manu	Moulvi Bazar	11.30	7.51	5.91	5.16	4.87	4.56	5.02	5.25	5.18	4.89	4.54	4.77	Mean
Surma	Sylhet	10.80	5.83	4.89	4.08	3.52	3.16	2.94	2.80	2.69	2.61	2.54	2.49	Mean
Surma	Sunamganj	7.80	5.56	5.23	4.80	4.44	4.19	4.04	3.93	3.84	3.76	3.70	3.64	Mean
Surma	Kanaighat	12.75	8.52	6.67	5.58	4.92	4.50	4.25	4.10	4.03	3.99	4.00	4.04	Mean
Kalni	Dirai	6.55	4.94	-	-	-	-	-	-	-	-	-	-	Mean
Upper Meghna	Bhairab Bazar	5.80	3.04	3.02	2.98	2.94	2.90	2.87	2.84	2.82	2.80	2.78	2.76	Mean
Upper Meghna	Narsingdi	5.25	2.79	2.76	2.71	2.67	2.63	2.60	2.58	2.55	2.54	2.52	2.50	Mean
Jamuna	Naogaon	14.80	11.74	11.71	11.70	11.69	11.68	11.67	11.67	11.68	11.69	11.73	11.81	Mean
Lower Meghna	Chandpur	3.55	2.24	2.19	2.12	2.08	2.05	2.02	2.00	1.98	1.96	1.95	1.92	Mean
Kumar	Faridpur	7.05	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	Mean

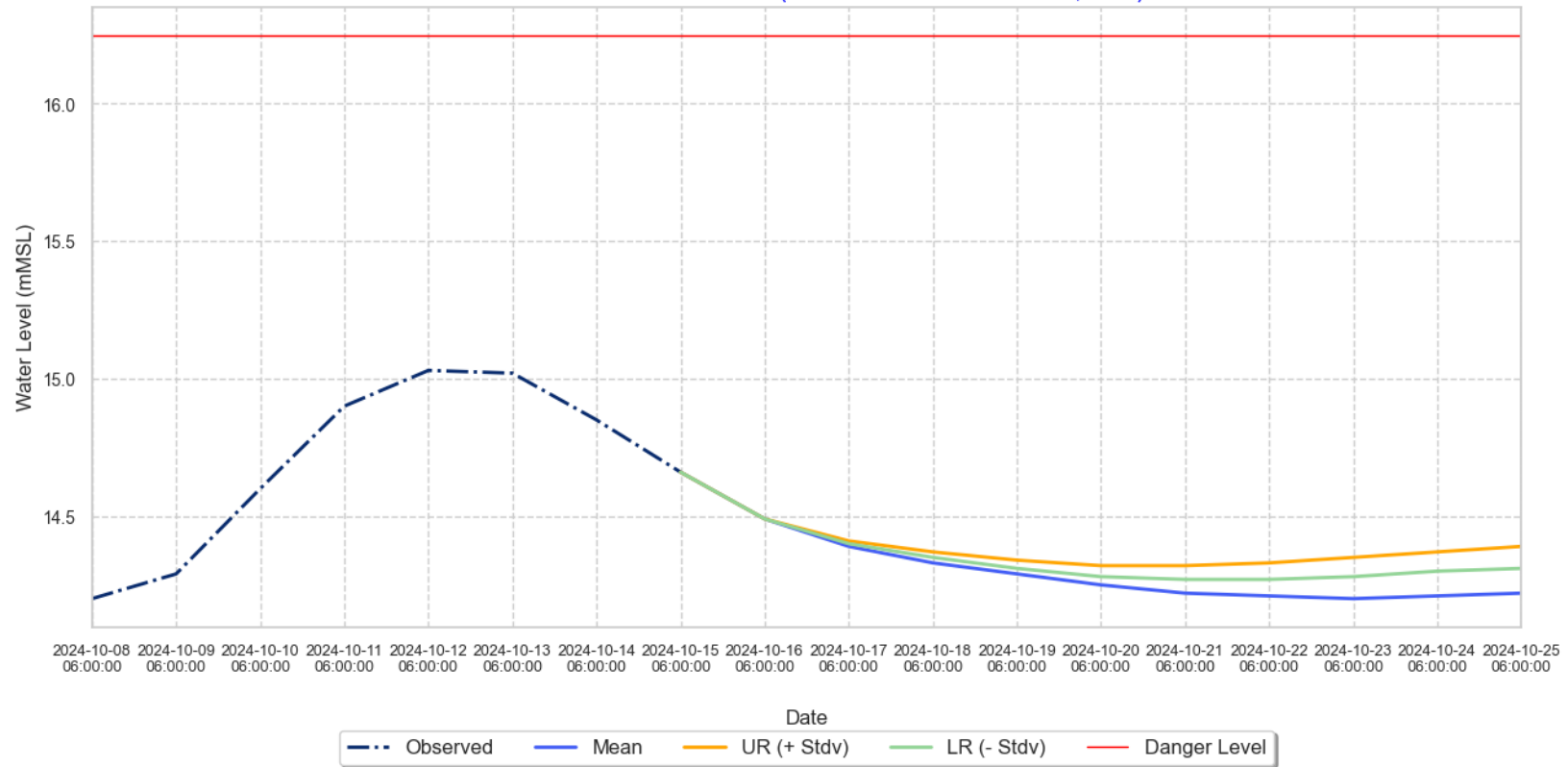
Jamuna River at Fulchari (Forecast as Of 15 October,2024)



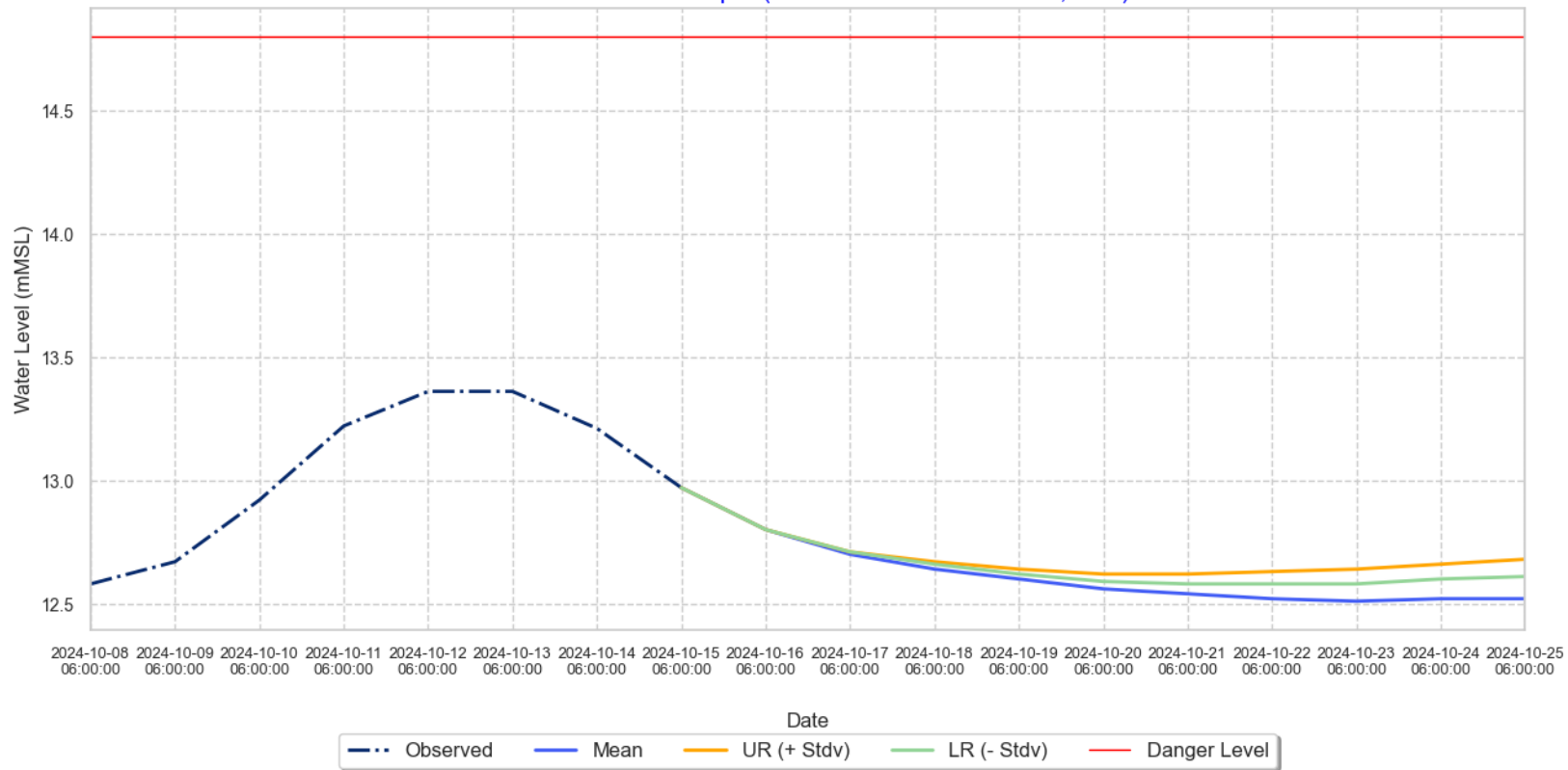
Jamuna River at Bahadurabad (Forecast as Of 15 October,2024)



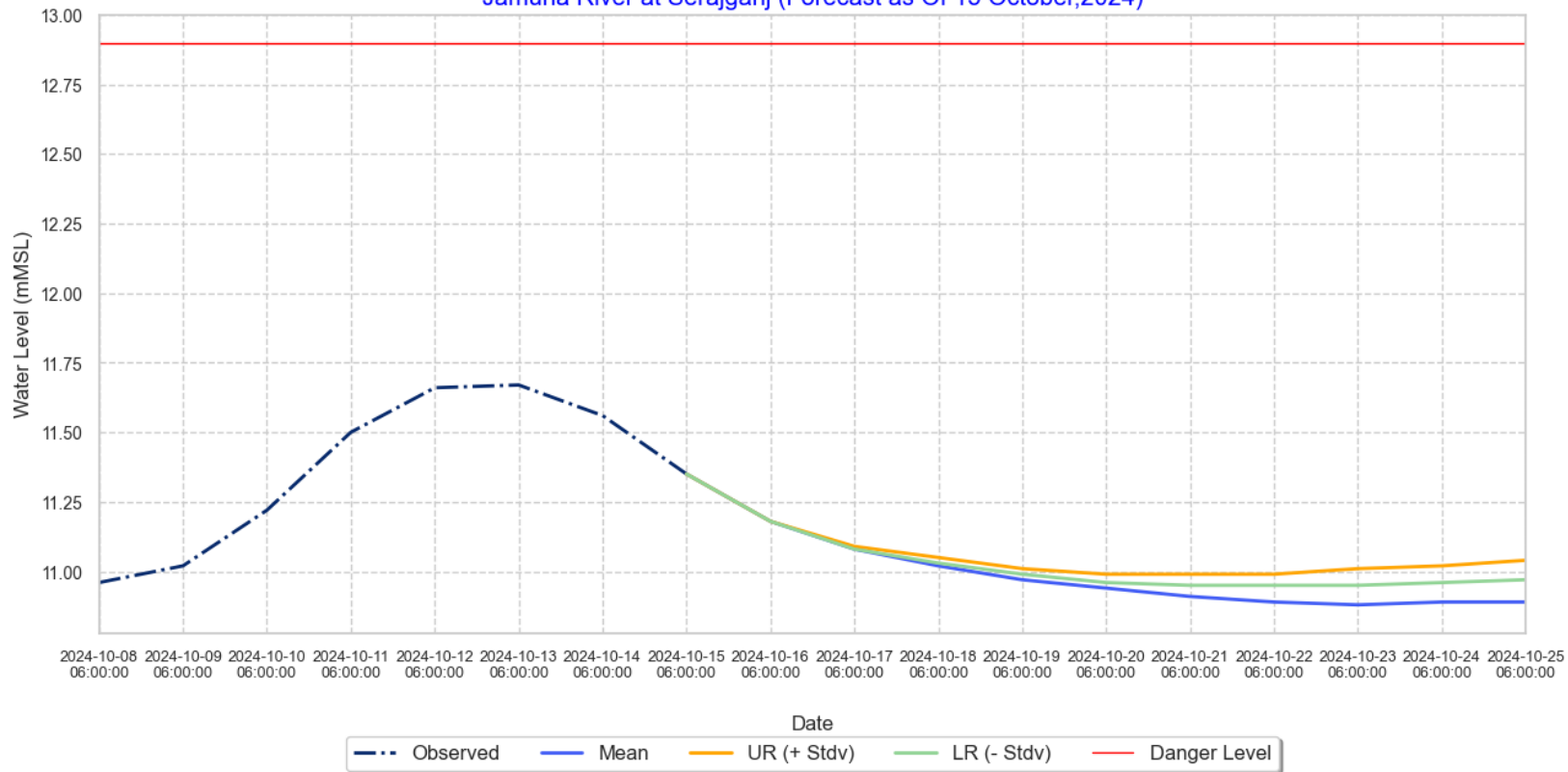
Jamuna River at Sariakandi (Forecast as Of 15 October,2024)



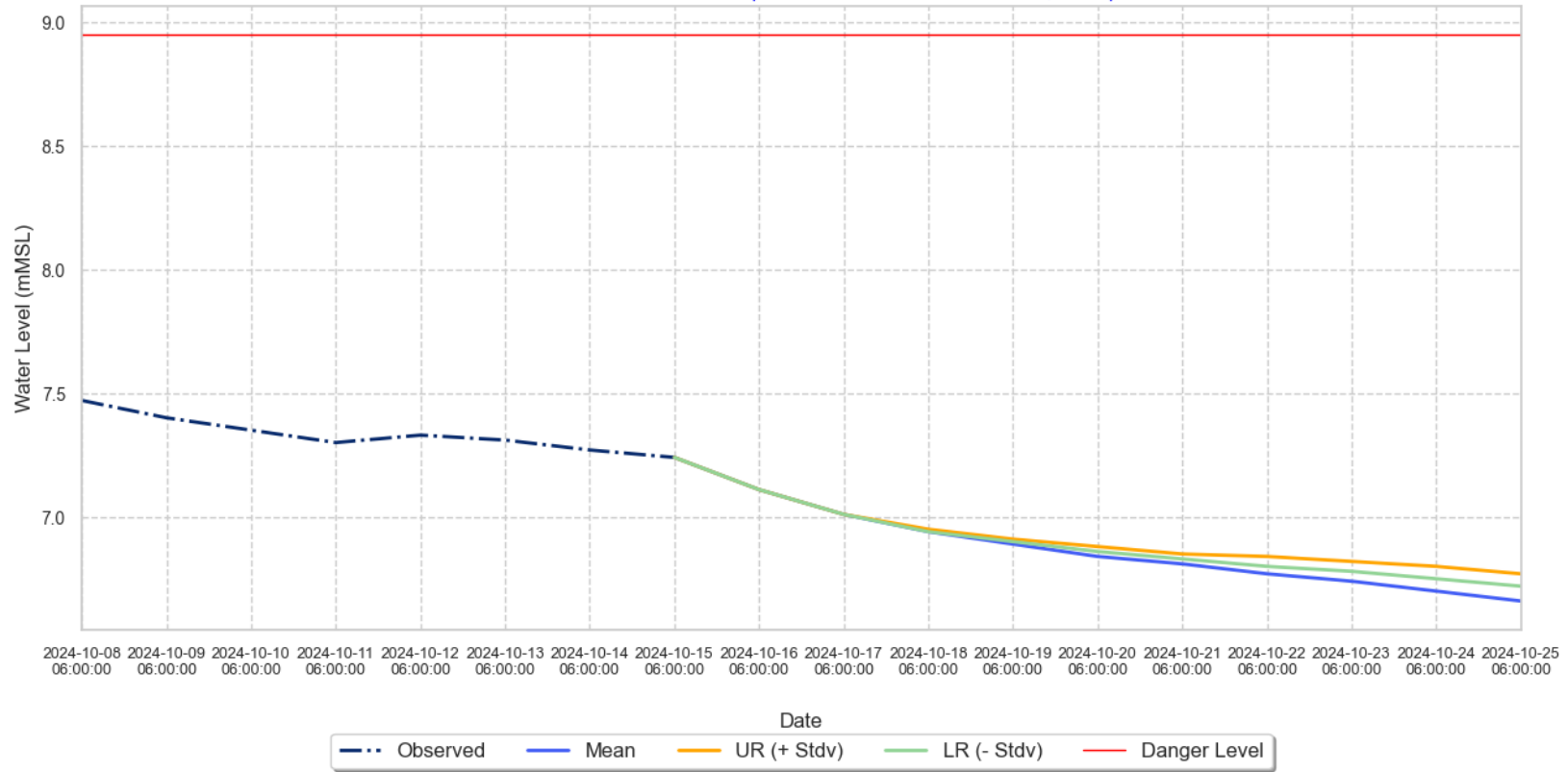
Jamuna River at Kazipur (Forecast as Of 15 October,2024)



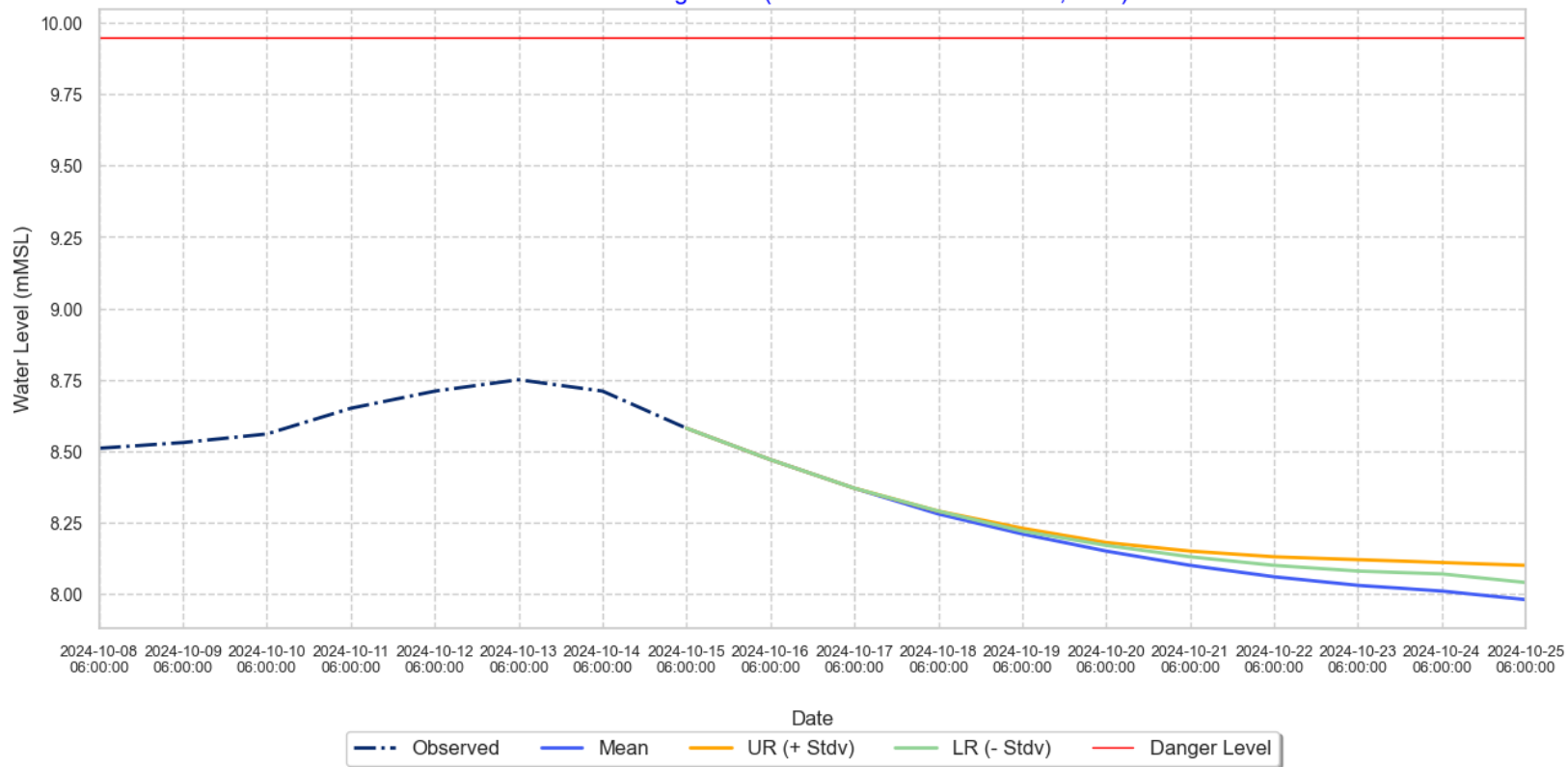
Jamuna River at Serajganj (Forecast as Of 15 October,2024)



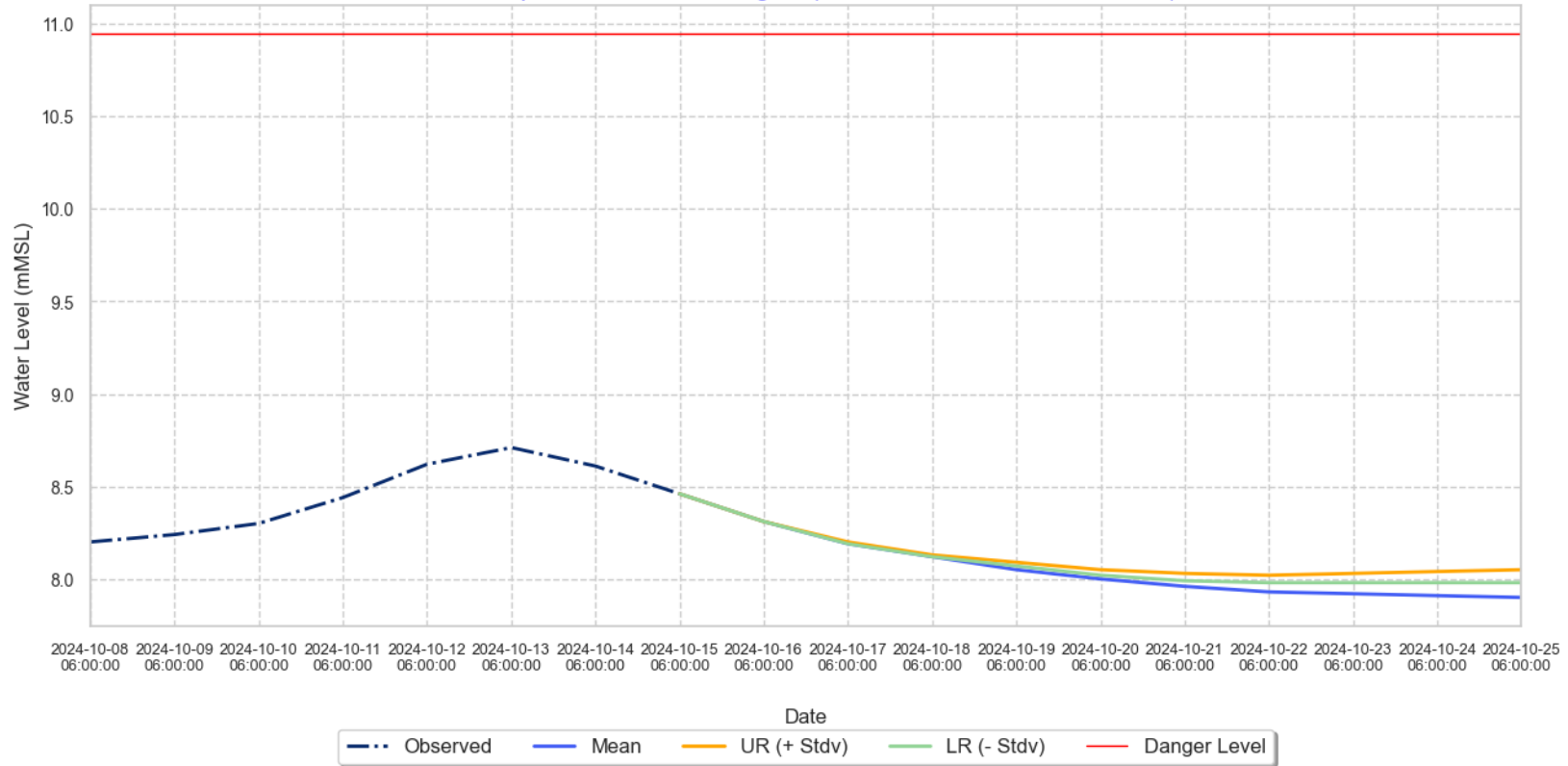
Jamuna River at Aricha (Forecast as Of 15 October,2024)



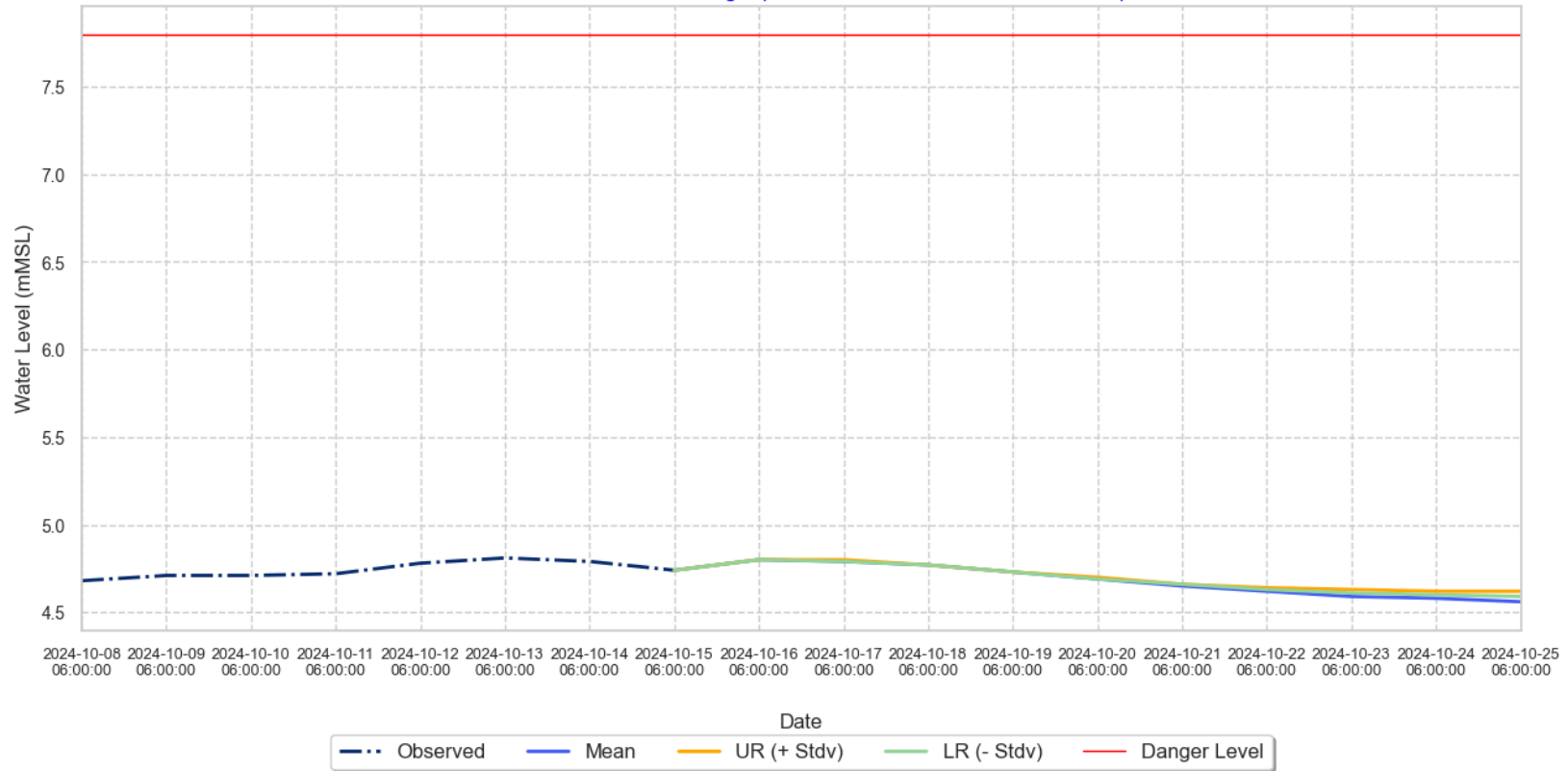
Atrai River at Baghabari (Forecast as Of 15 October,2024)



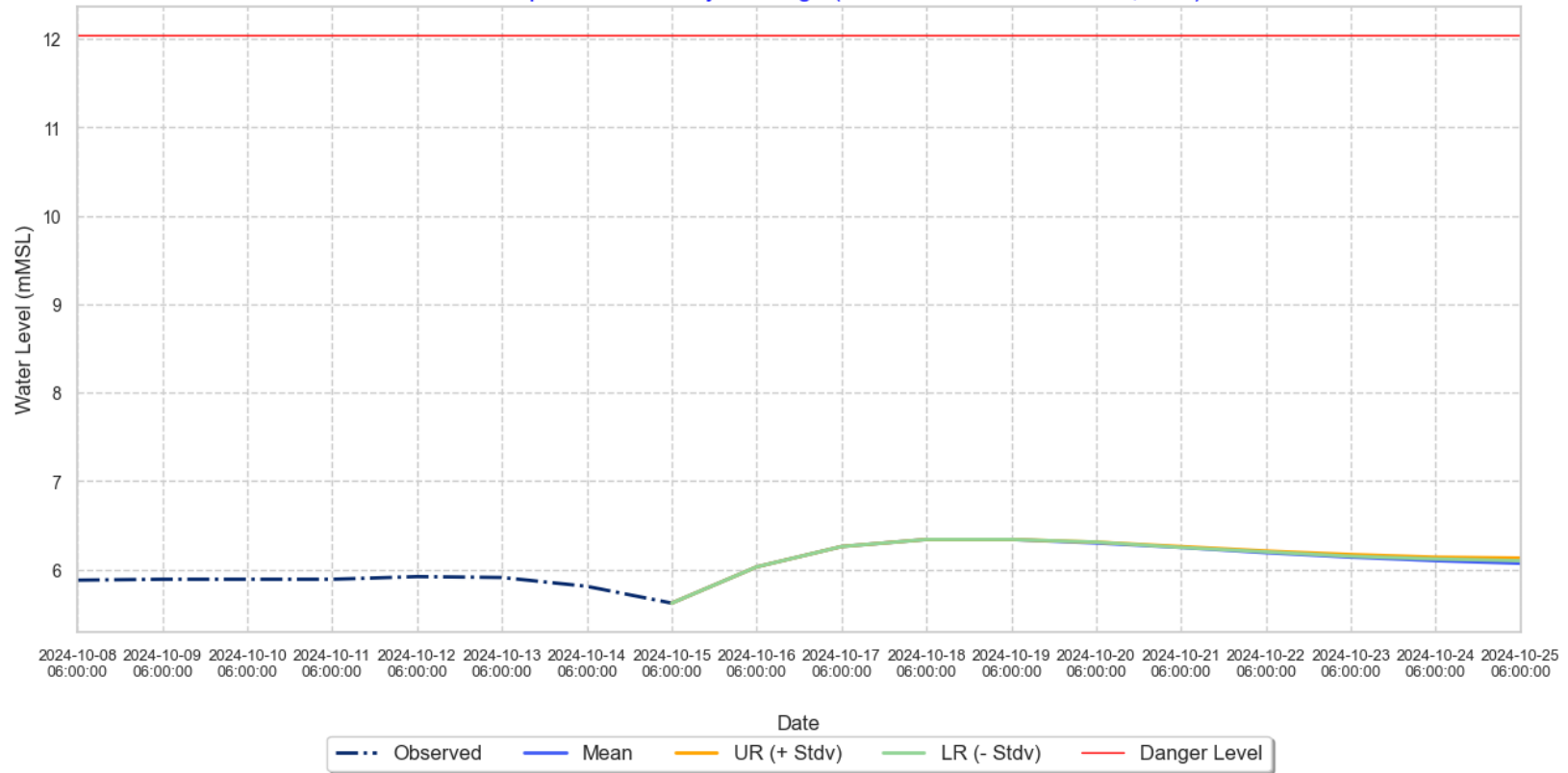
Brahmaputra River at Elashinghat (Forecast as Of 15 October,2024)



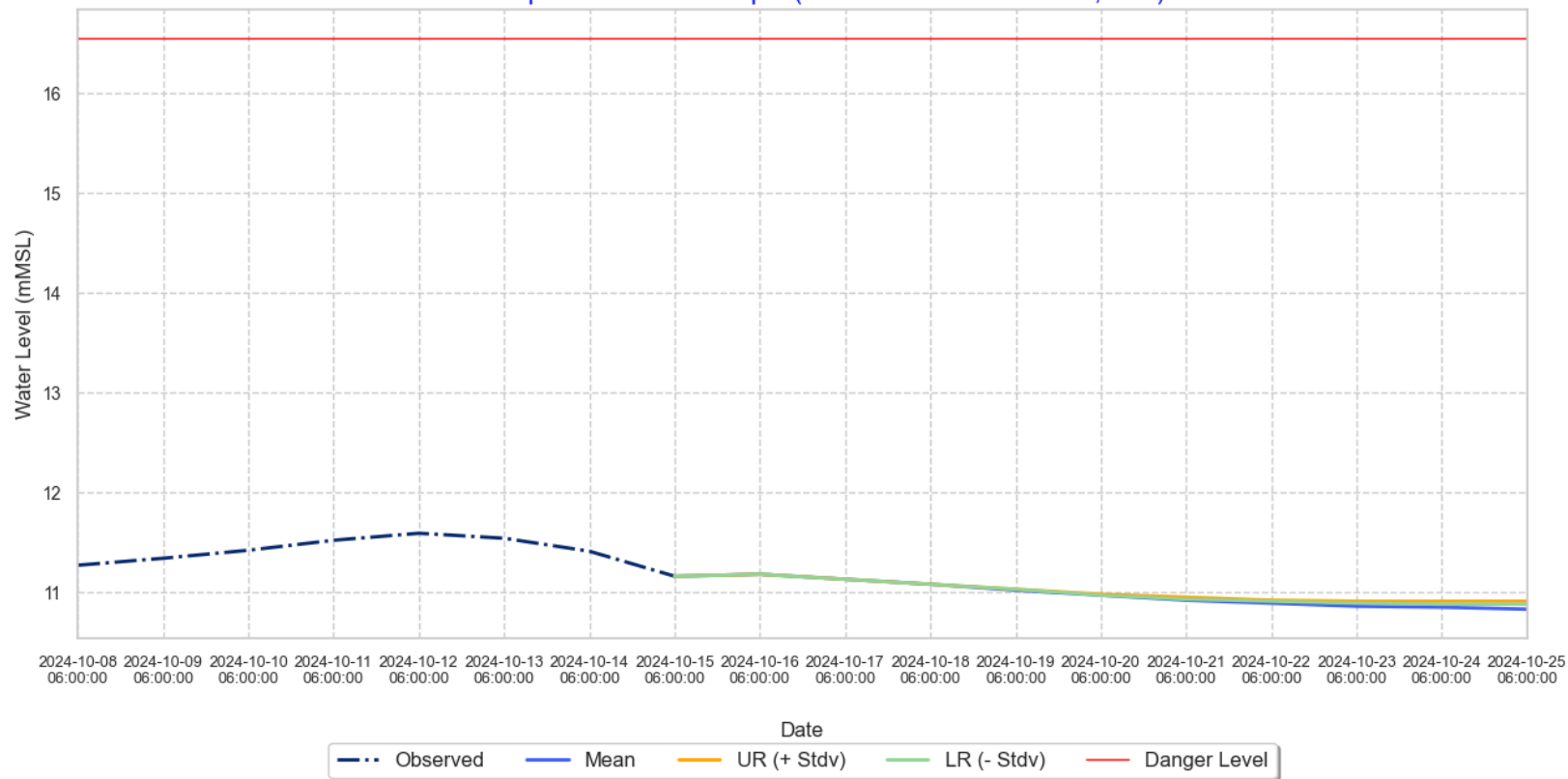
Dhaleswari River at Jagir (Forecast as Of 15 October,2024)



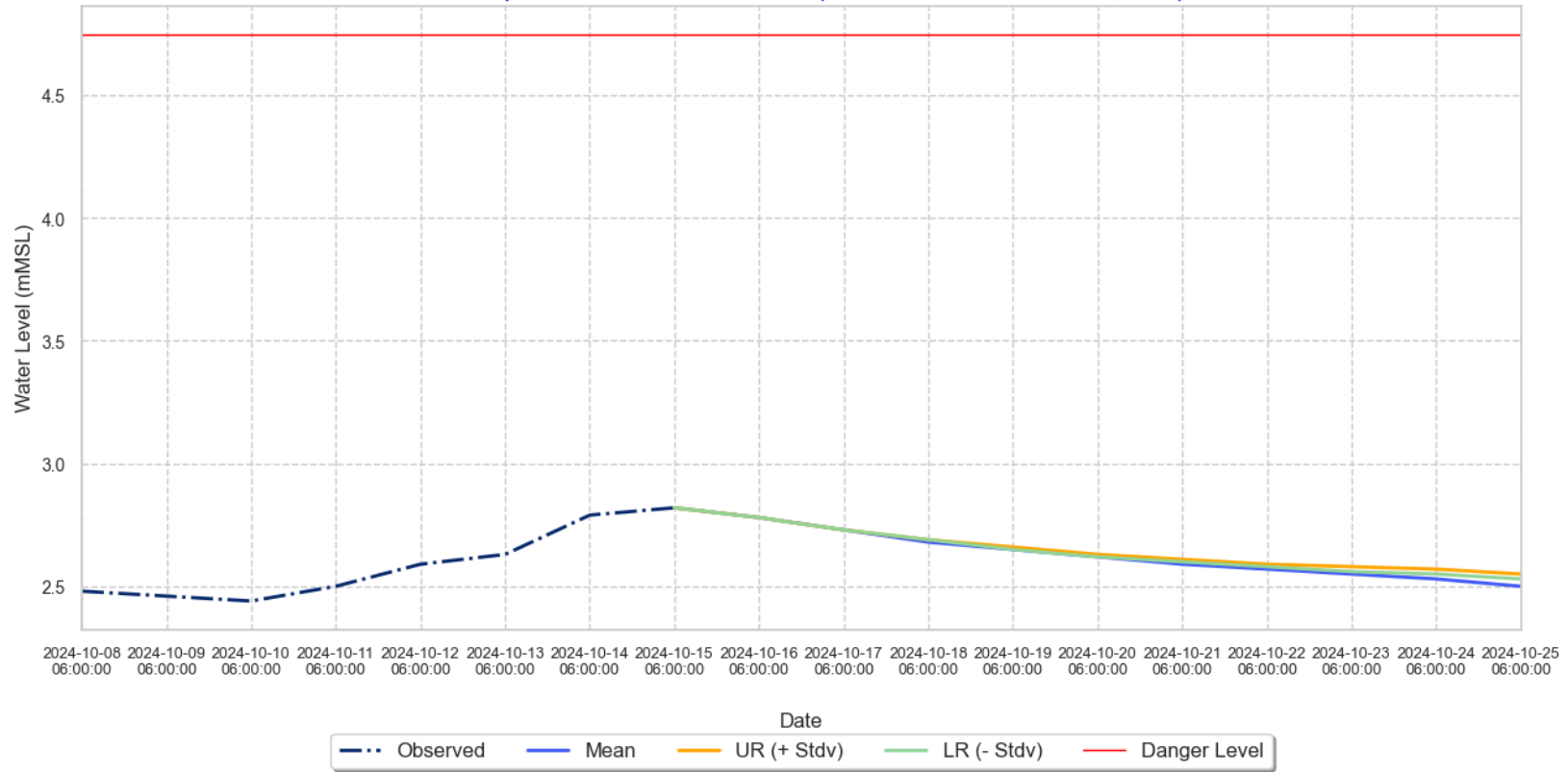
Old Brahmaputra River at Mymensingh (Forecast as Of 15 October,2024)



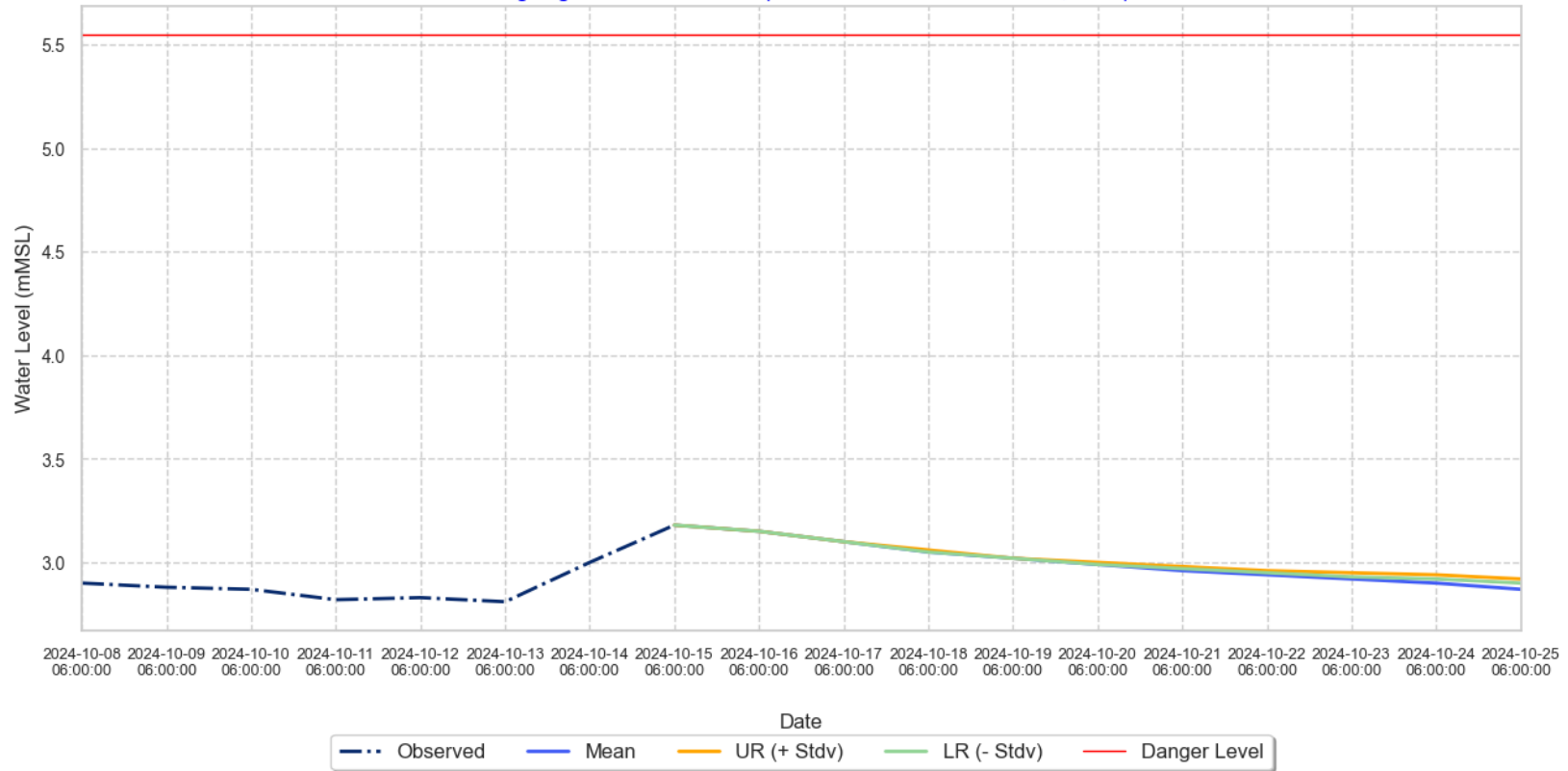
Brahmaputra River at Jamalpur (Forecast as Of 15 October,2024)



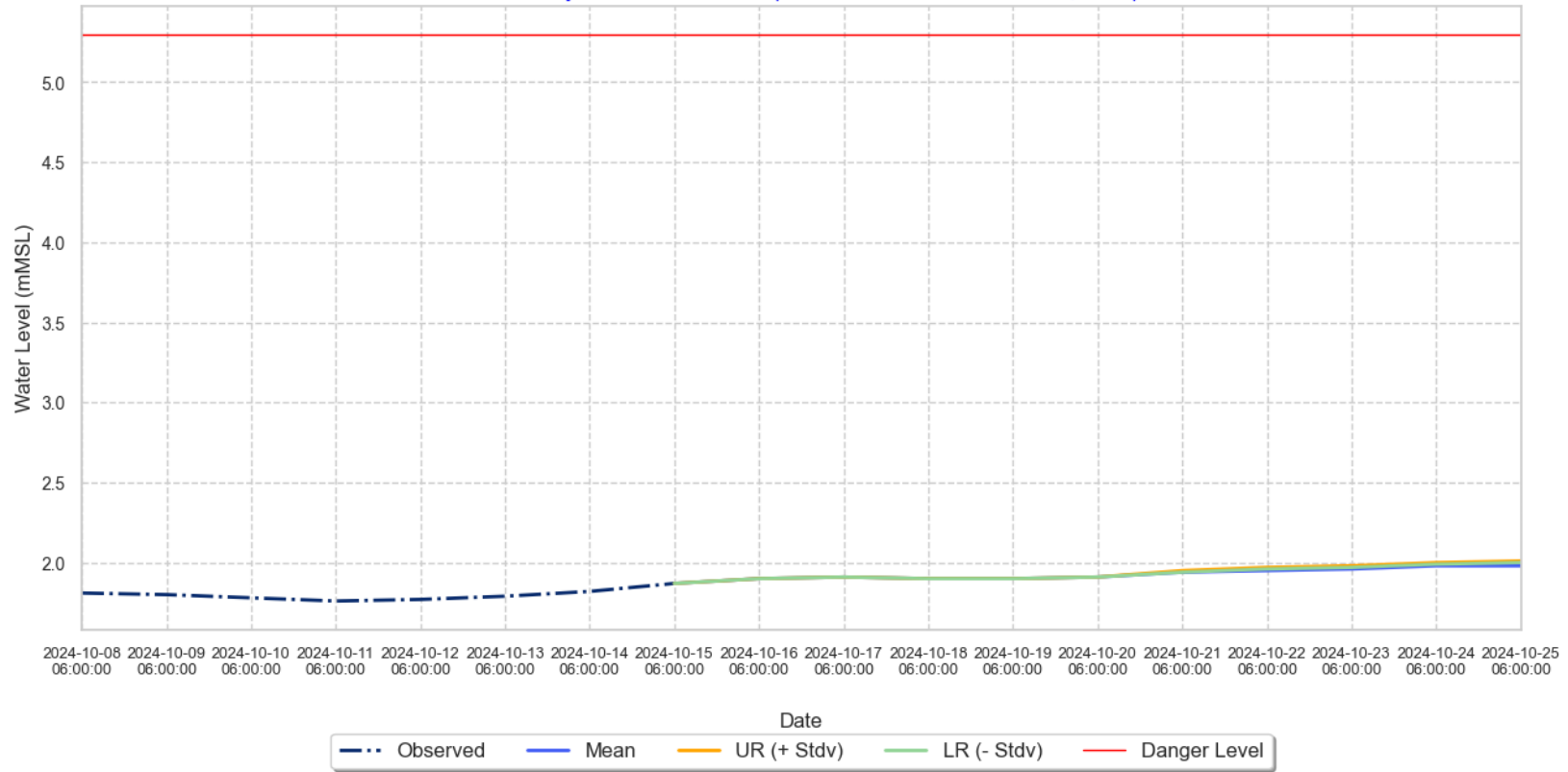
Brahmaputra River at Rekabi-Bazar (Forecast as Of 15 October,2024)



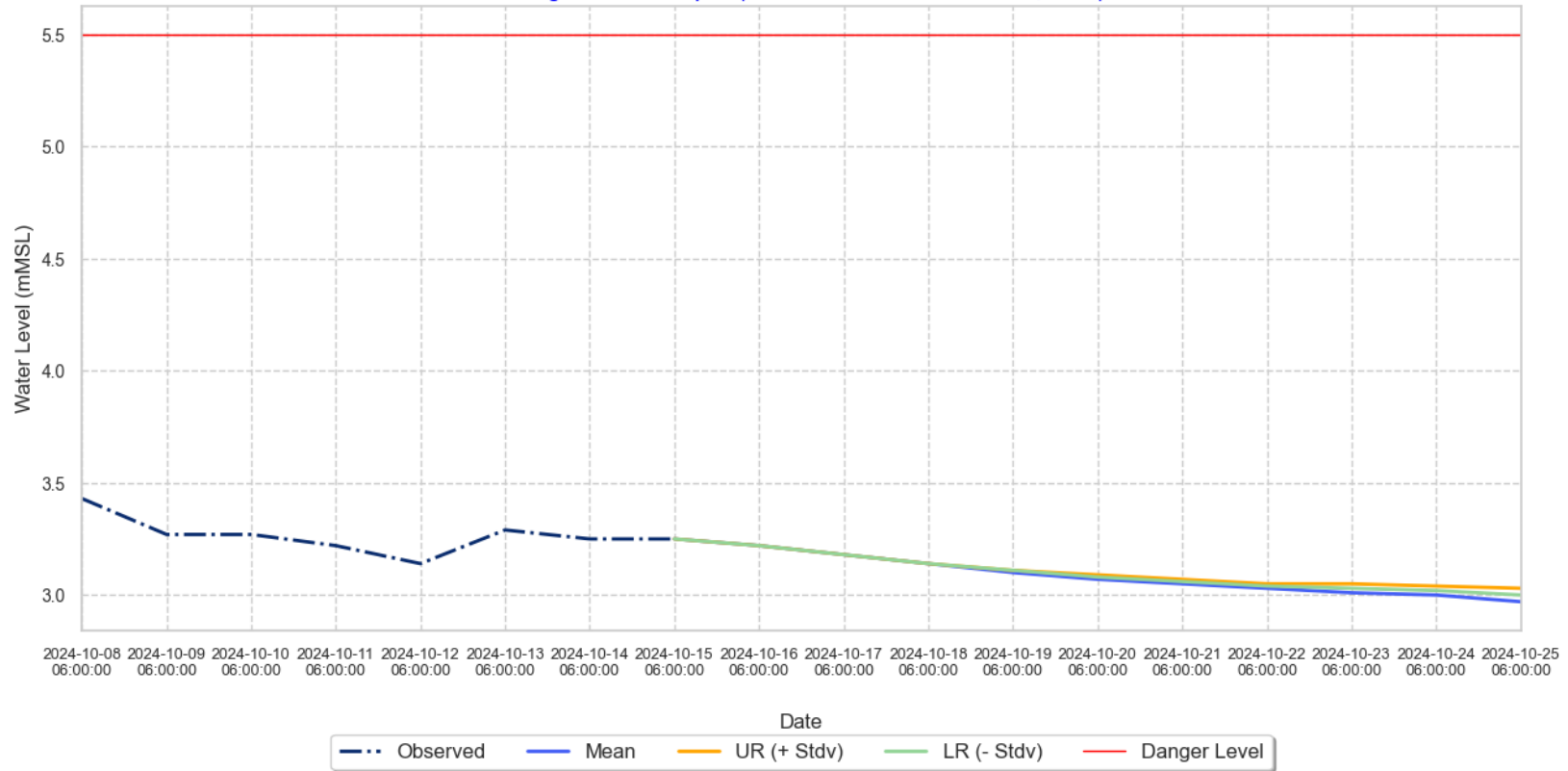
Buriganga River at Dhaka (Forecast as Of 15 October,2024)



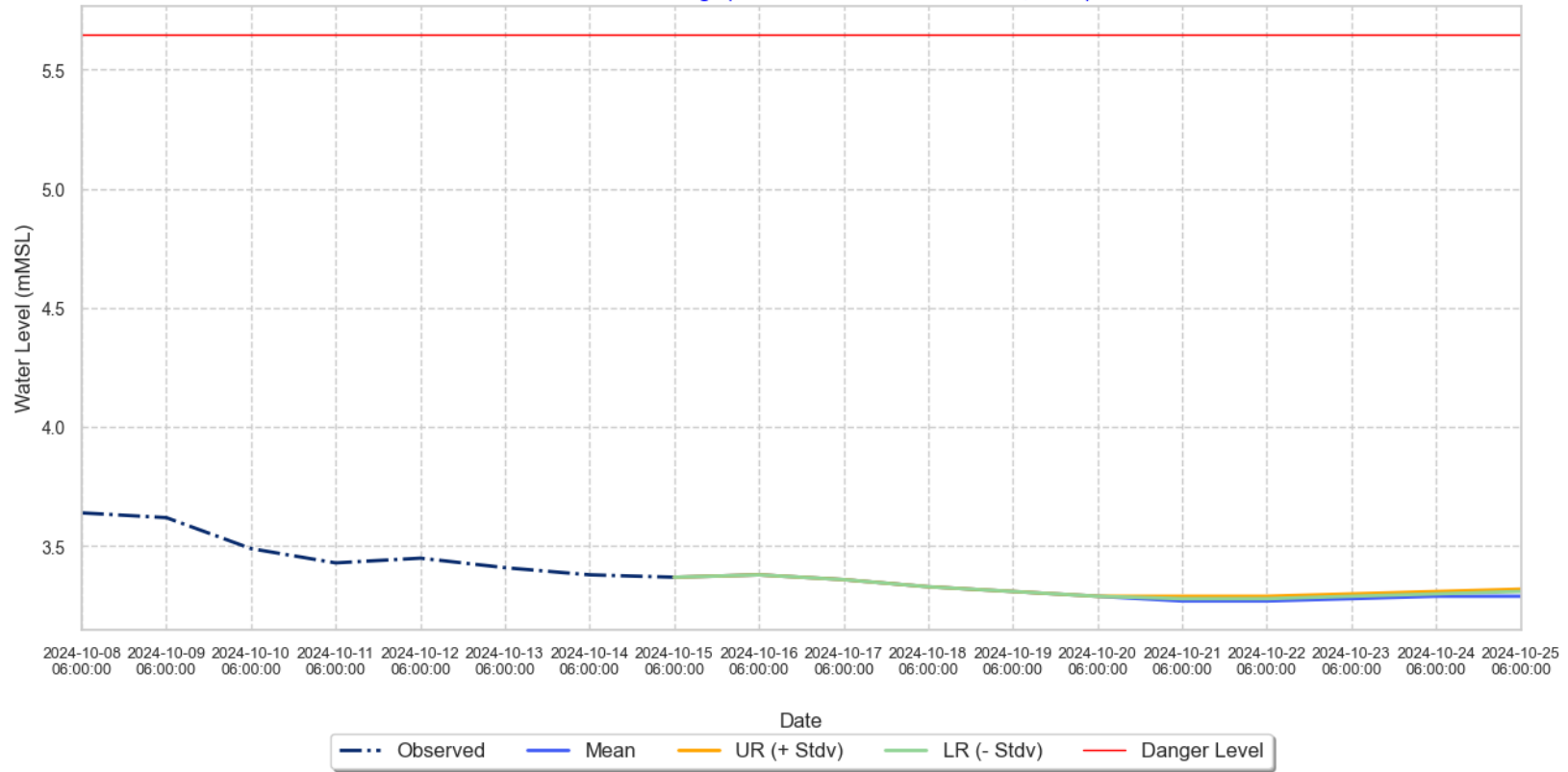
Sitalakkhya River at Demra (Forecast as Of 15 October,2024)



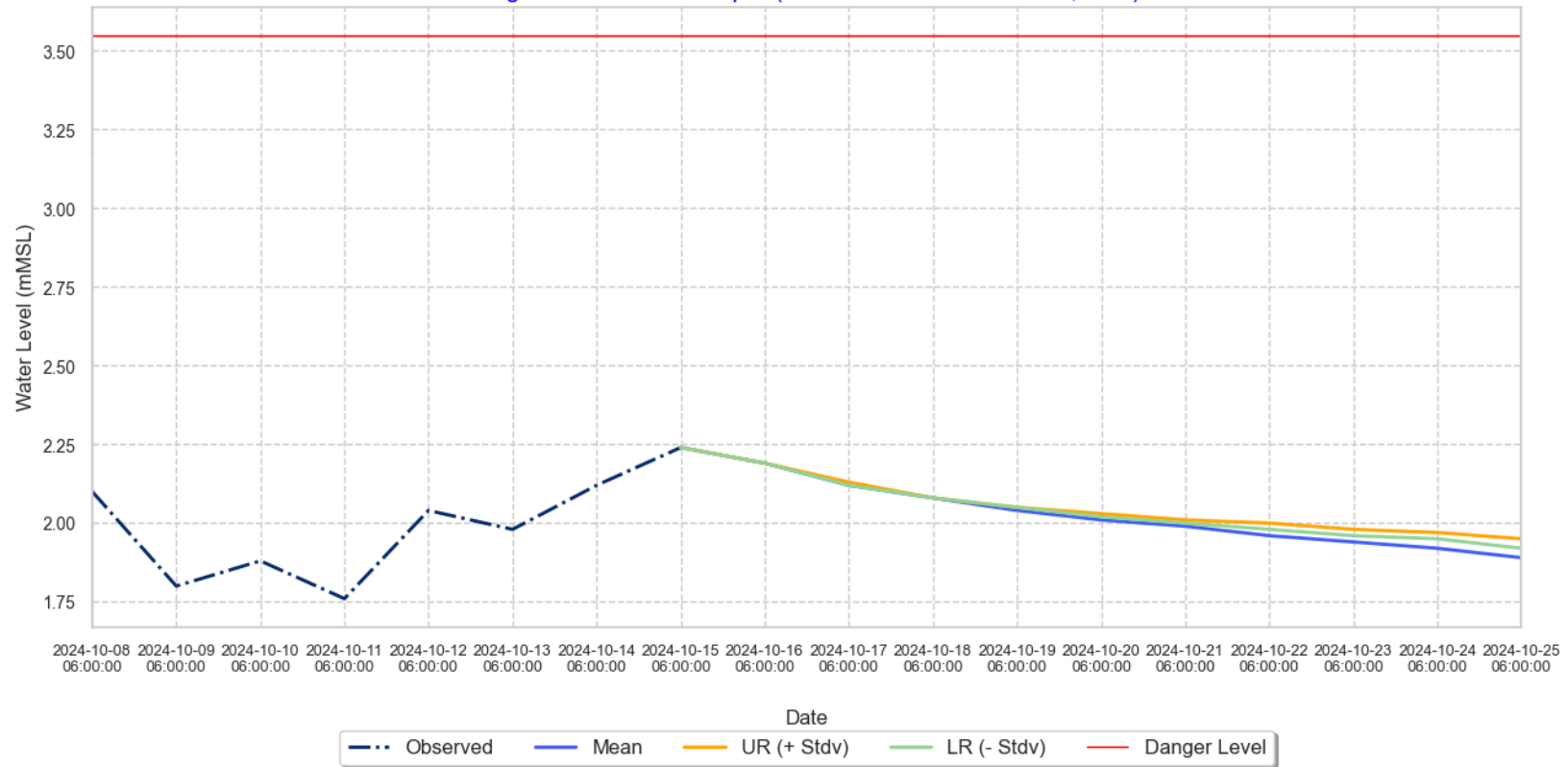
Turag River at Mirpur (Forecast as Of 15 October,2024)



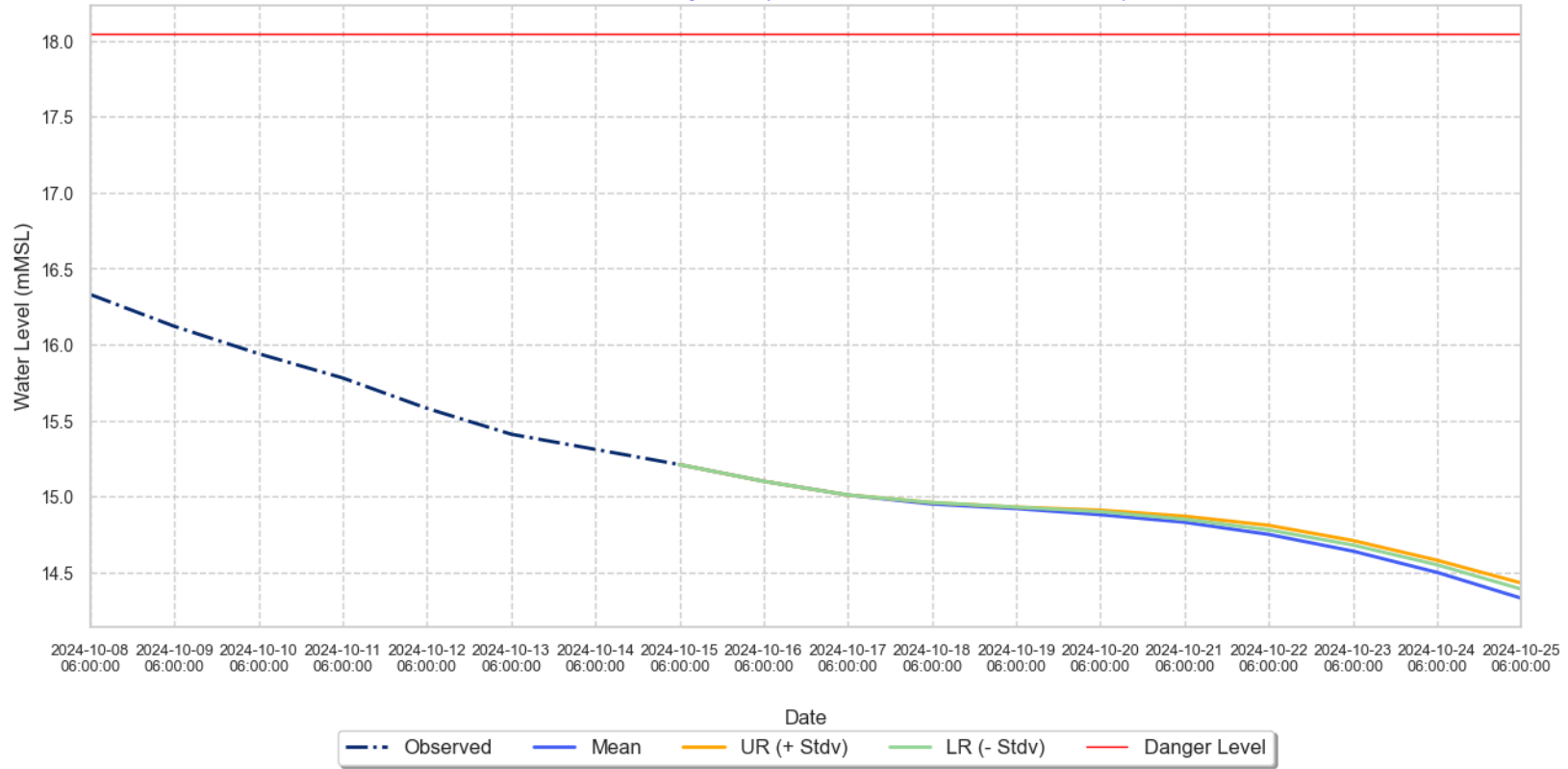
Balu River at Tongi (Forecast as Of 15 October,2024)



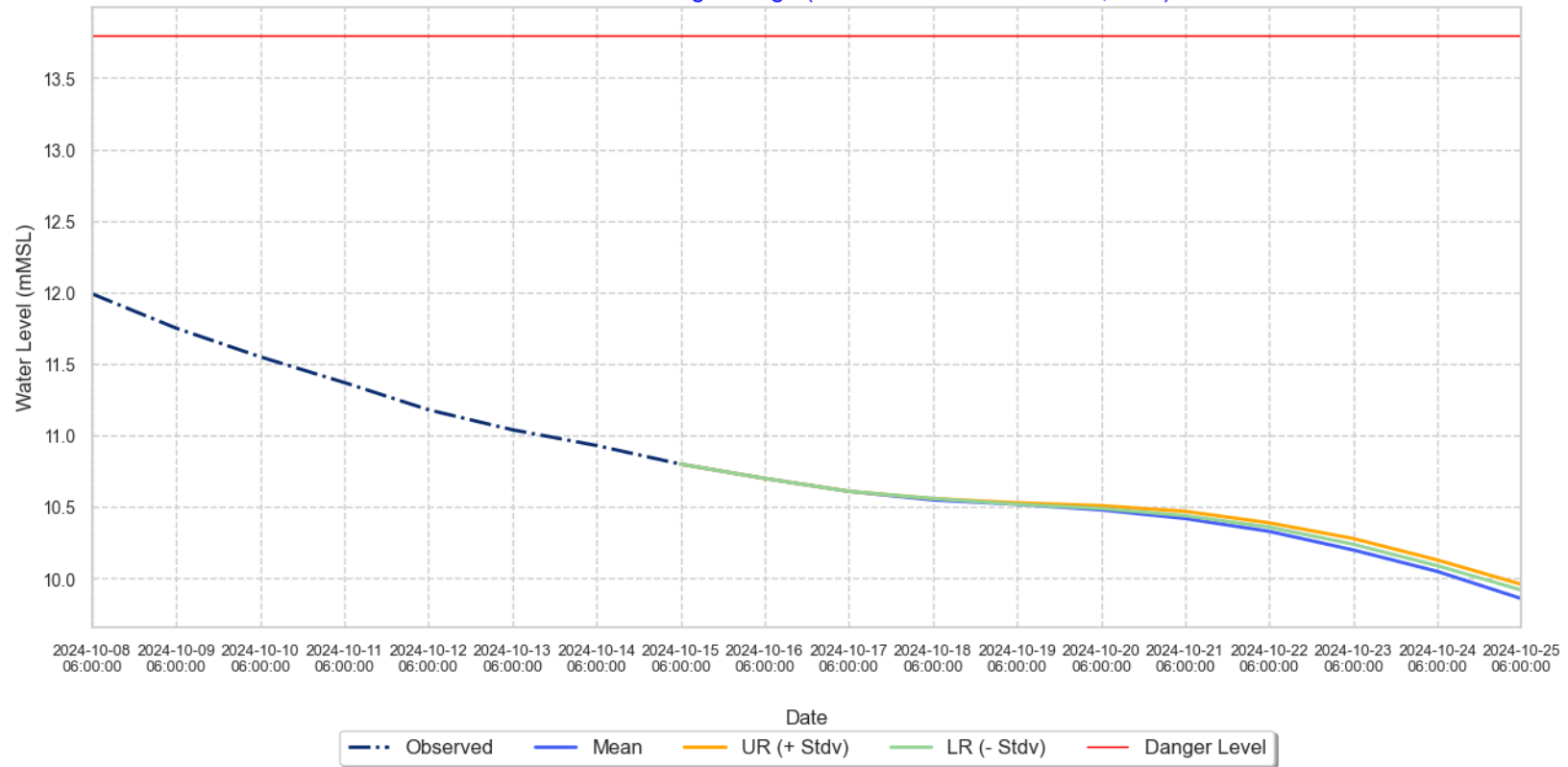
Meghna River at Chandpur (Forecast as Of 15 October,2024)



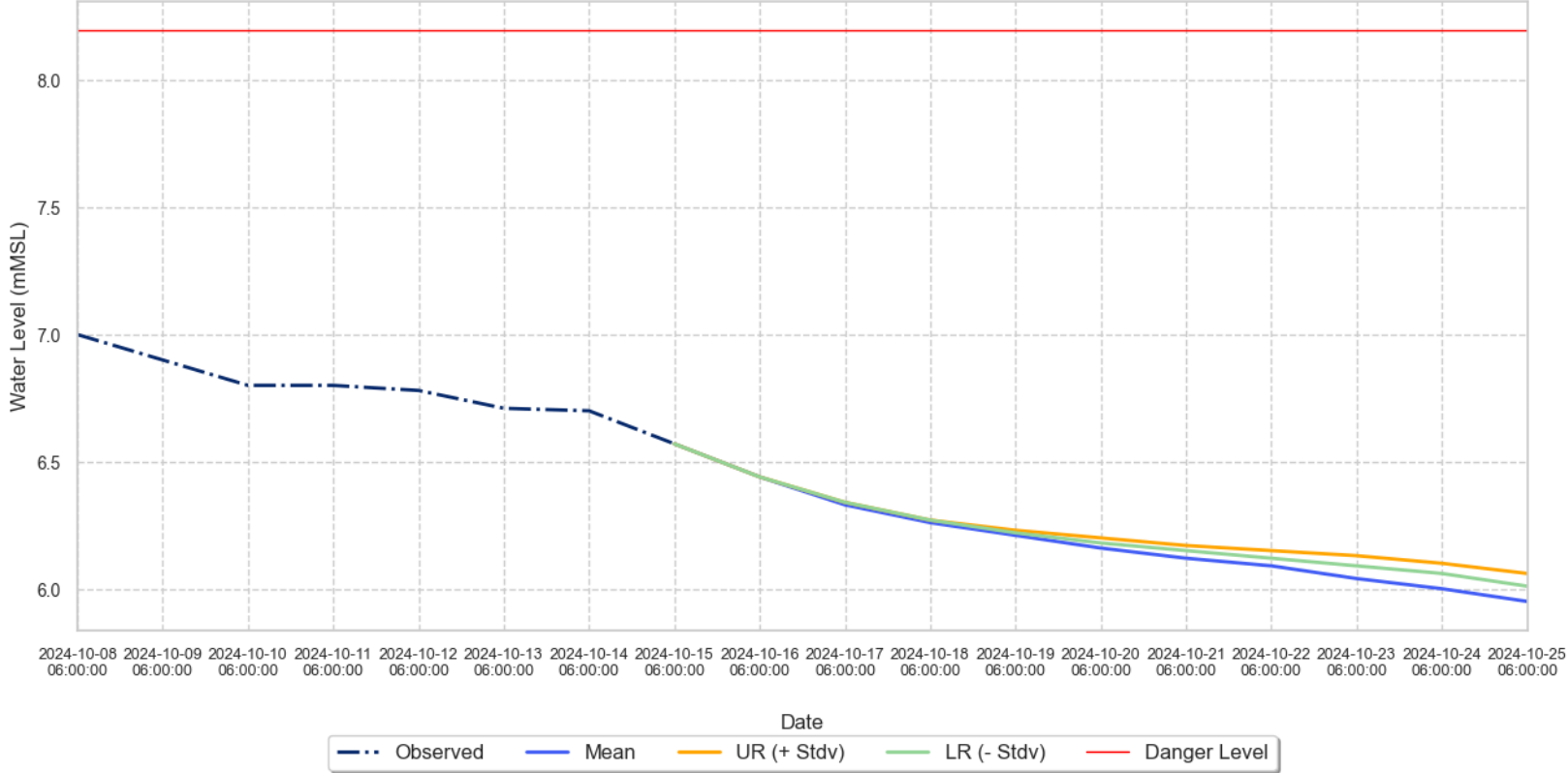
Padma River at Rajshahi (Forecast as Of 15 October,2024)



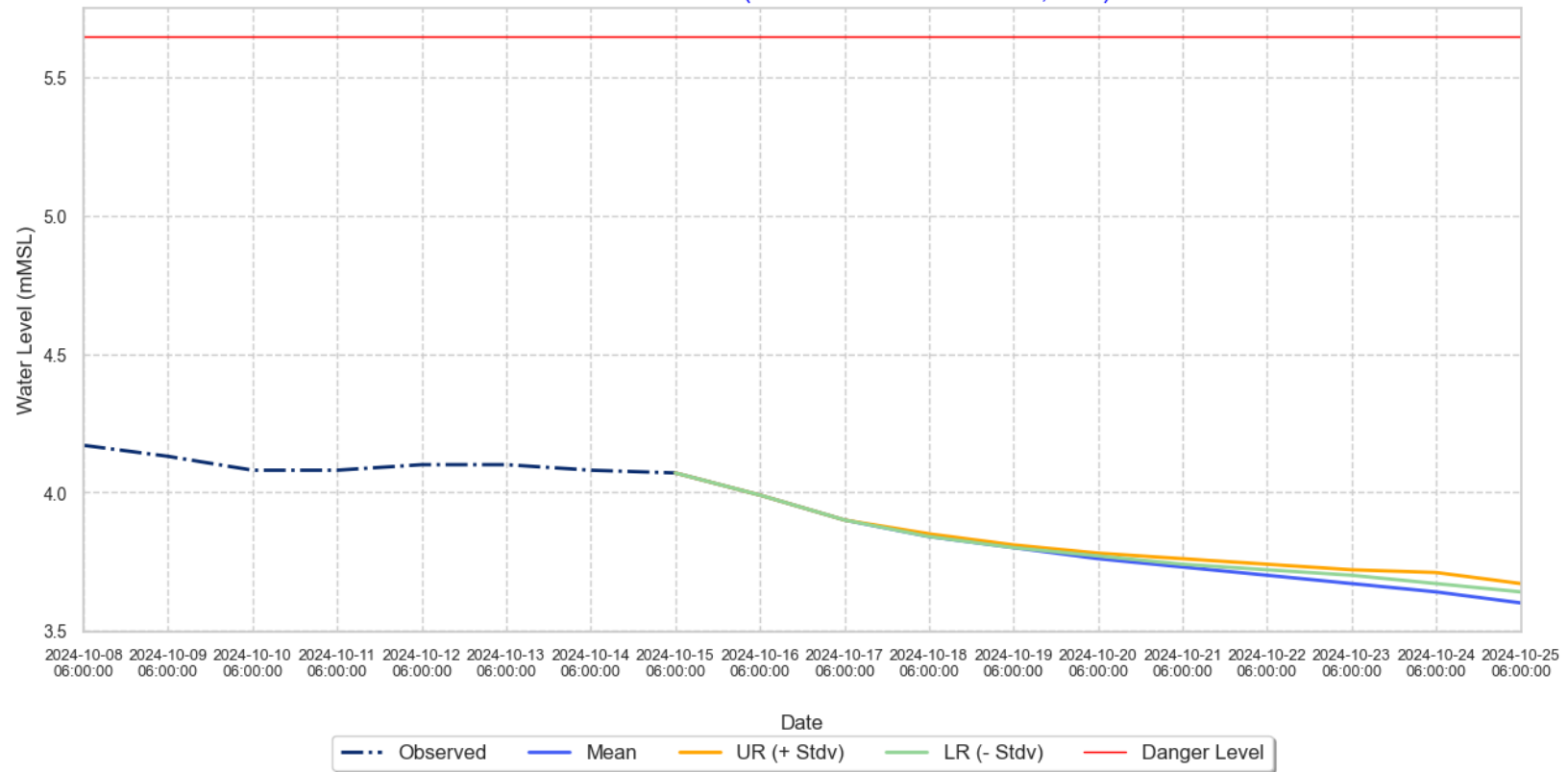
Padma River at Hardinge-Bridge (Forecast as Of 15 October,2024)



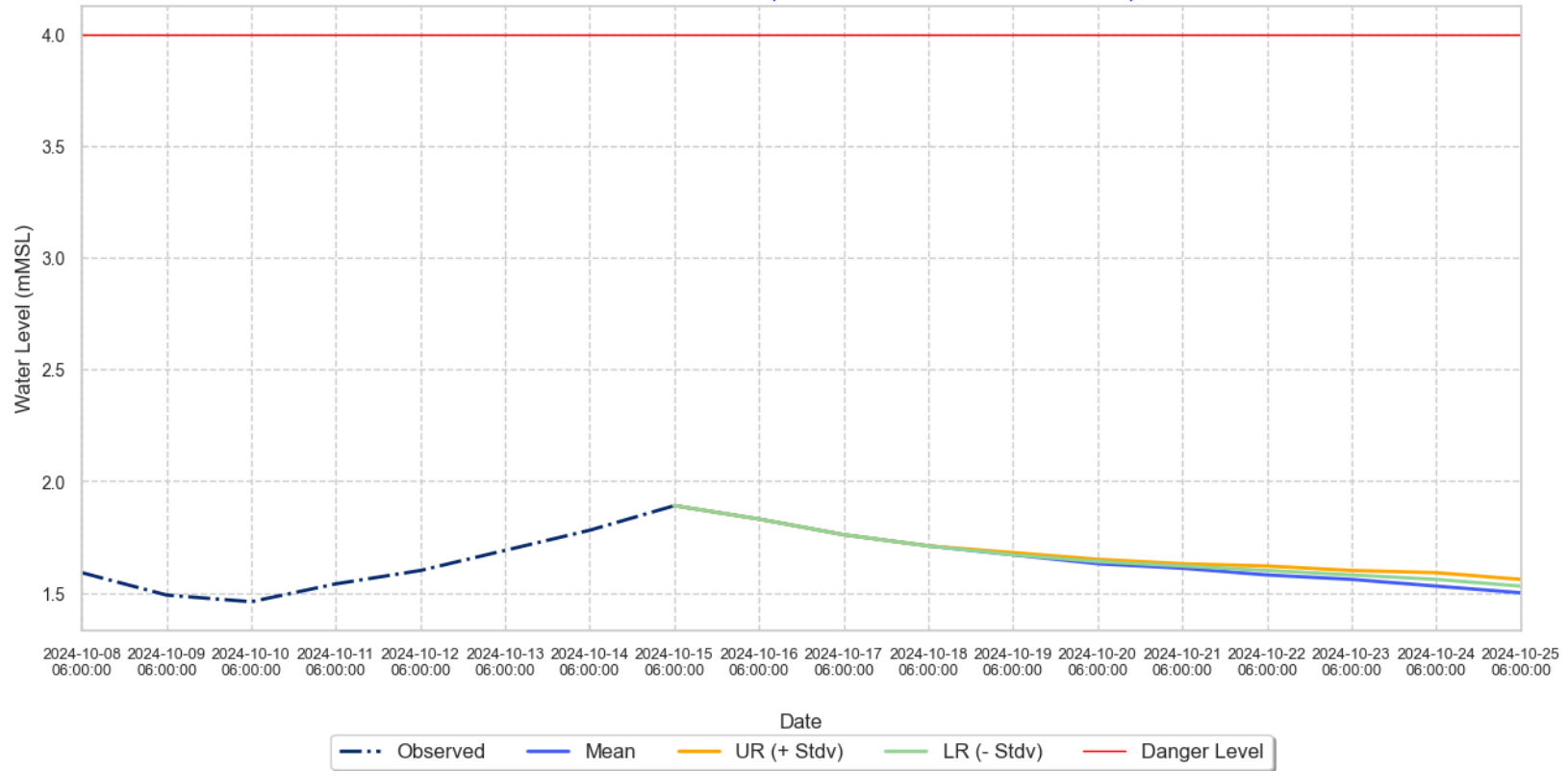
Padma River at Goalondo (Forecast as Of 15 October,2024)



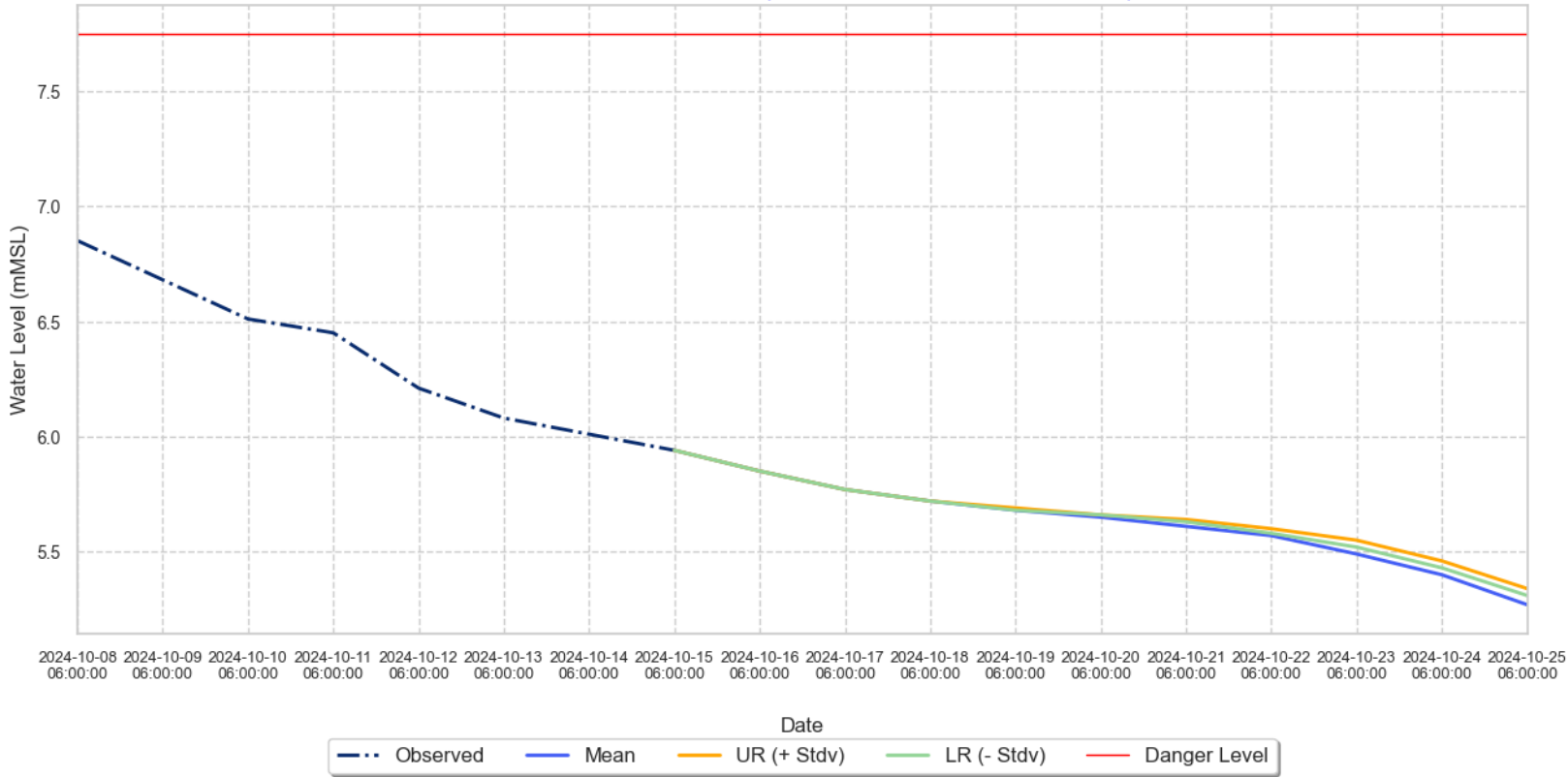
Padma River at Mawa (Forecast as Of 15 October,2024)



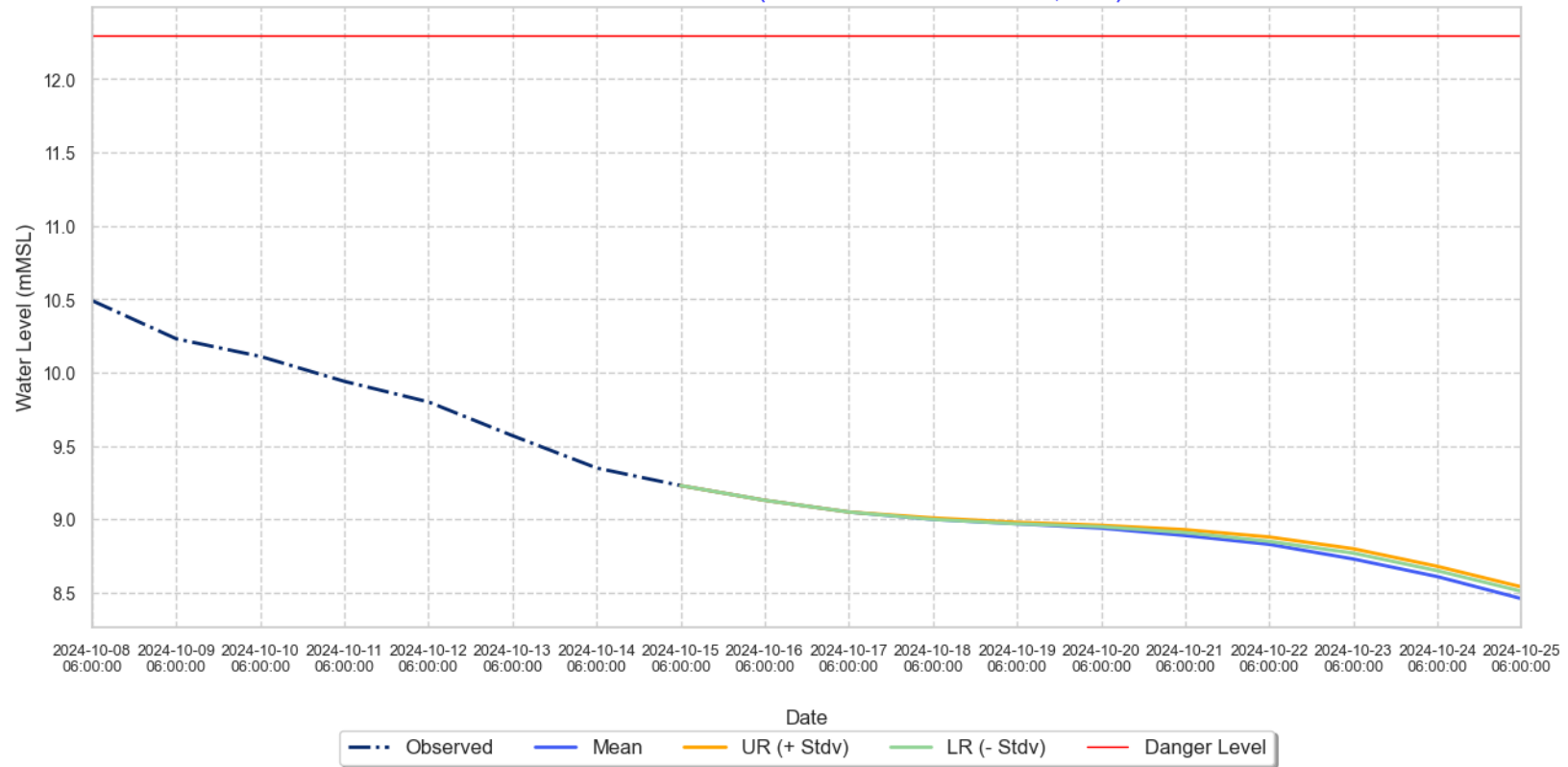
Padma River at Sureshwar (Forecast as Of 15 October,2024)



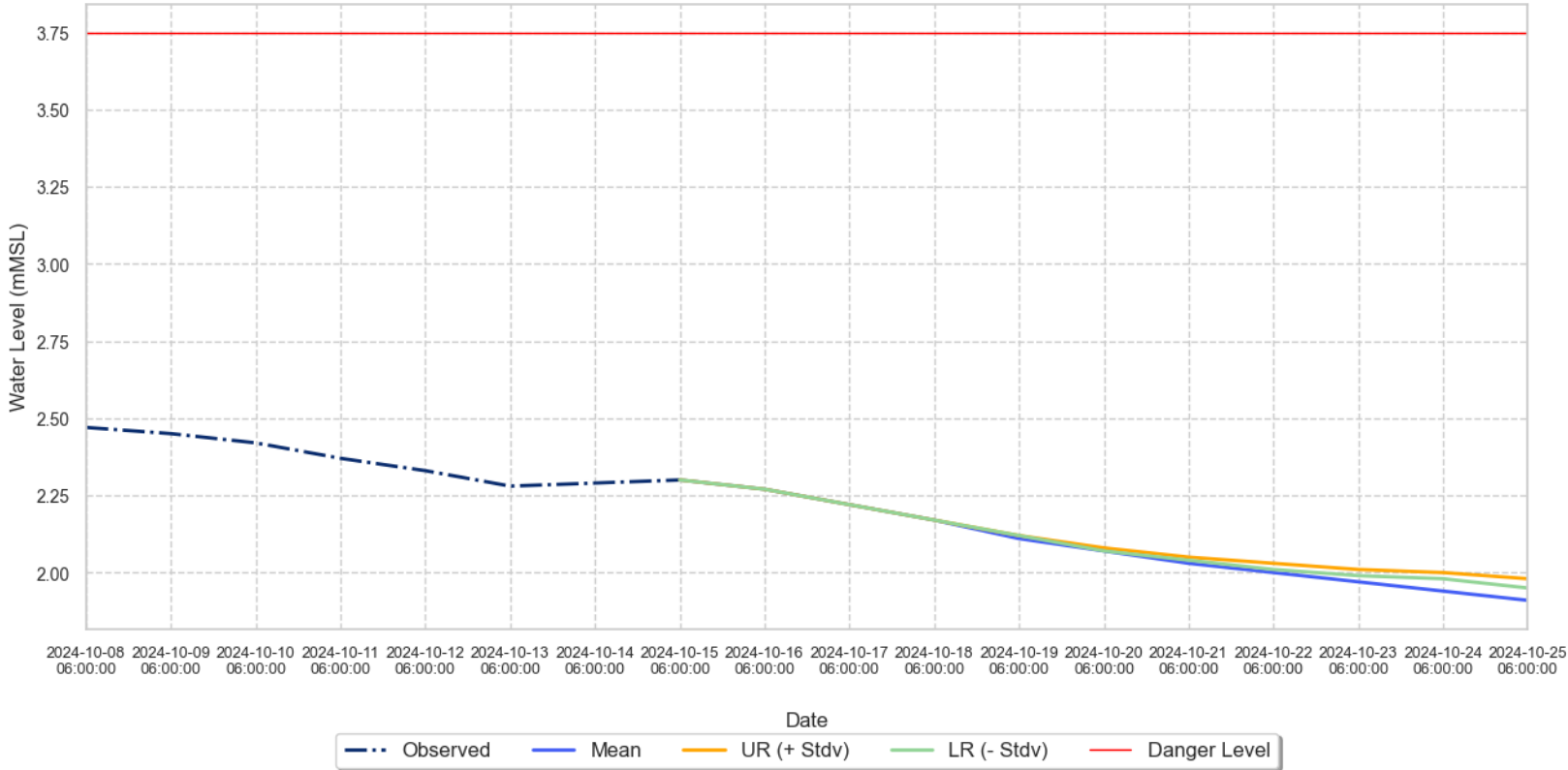
Gorai River at Kamarkhali (Forecast as Of 15 October,2024)



Gorai River at Gorai-RB (Forecast as Of 15 October,2024)



Ariyal Khan River at Madaripur (Forecast as Of 15 October,2024)



Elaboration

The above forecast is carried out using the ECMWF 0.2X0.2 deg. ensemble precipitation forecasts (51 set of ensembles) across Brahmaputra and Ganges basin and generating 15 days flow forecast for Brahmaputra River (at Bahadurabad point) and on Ganges River (at Hardinge Bridge point).

Upper Range and Lower Range corresponds respectively to the +1 and -1 standard deviation.

Mean indicate the water level forecast generated from the median discharge used in the boundary.

The flood-forecasting model of FFWC, Bangladesh Water Development Board (BWDB) is acting as a background model for Long Range FFS Model and necessary customization has been brought out in FFWC model for this 10-day flood forecasting activities.

Disclaimer:

The flow forecasting system for this model (Hydrological) has been redesigned. Though the model has been calibrated, validated and evaluated, it is still under development. So, the product should be used with extreme care.

Acknowledgement:

The most recent hydrological model development has been made possible with support from USAID and complimentary support from Government of Bangladesh through SHOUHARDO III program of CARE Bangladesh.

For any questions or query regarding the model feel free to contact:

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