

月 日	時 刻	赤川頭首工			荒沢ダム					月山ダム				
		取水量 m <sup>3</sup> /s	流下量 m <sup>3</sup> /s	流入量 m <sup>3</sup> /s	貯水位 EL.m	流入量 m <sup>3</sup> /s	放流量 m <sup>3</sup> /s	貯水量 10 <sup>3</sup> m <sup>3</sup>	貯水率 %	貯水位 EL.m	流入量 m <sup>3</sup> /s	放流量 m <sup>3</sup> /s	貯水量 10 <sup>3</sup> m <sup>3</sup>	貯水率 %
4月26日	9:00	28.461	52.081	80.542	253.27	23.93	26.66	27,829	95.3%	255.24	13.75	13.70	37,929	100.0%
	15:00	28.374	39.638	68.012	253.28	31.79	26.66	27,848	95.4%	255.25	13.75	13.70	37,943	100.0%
4月27日	9:00	28.461	51.121	79.582	253.33	24.75	26.88	27,942	95.7%	255.30	16.23	15.08	38,013	100.0%
	15:00	28.461	51.124	79.585	253.31	22.82	26.88	27,905	95.5%	255.29	14.71	14.76	37,999	100.0%
4月28日	9:00	28.461	157.978	186.439	253.05	25.35	37.49	27,414	93.9%	255.29	13.24	14.76	37,999	100.0%
	15:00	28.448	153.517	181.966	252.90	24.24	37.47	27,137	92.9%	255.27	12.81	14.23	37,971	100.0%
4月29日	9:00	28.576	127.231	155.807	252.47	23.67	37.45	26,347	90.2%	255.21	11.80	13.10	37,887	100.0%
	15:00	28.663	102.588	131.251	252.29	22.36	37.44	26,018	89.1%	255.20	11.19	12.81	37,873	100.0%
4月30日	9:00	28.461	105.266	133.727	251.84	23.75	37.40	25,206	86.3%	255.20	13.35	12.81	37,873	100.0%
	15:00	28.648	113.138	141.788	251.46	24.65	37.37	24,927	85.3%	255.20	13.35	12.72	37,873	100.0%
5月1日	9:00	28.589	54.478	83.067	251.53	30.56	37.35	24,665	84.5%	235.35	17.68	16.19	38,084	100.0%
	15:00	32.026	56.521	88.547	251.46	33.41	37.35	24,543	84.0%	255.41	27.57	17.84	38,168	100.0%
5月2日	9:00	32.444	81.534	113.978	251.68	60.00	60.51	24,927	85.3%	256.24	119.90	49.56	39,345	100.0%
	15:00	32.444	135.948	168.392	251.79	77.97	60.59	25,119	86.0%	256.97	125.48	89.85	40,400	100.0%
5月3日	9:00	32.110	178.958	210.968	251.66	73.24	84.15	24,875	85.2%	257.28	93.79	108.83	40,825	100.0%
	15:00	32.536	156.427	188.963	251.55	79.08	83.78	24,700	84.6%	257.11	93.42	97.53	40,605	100.0%
5月4日	9:00	32.116	151.402	183.519	251.35	66.22	74.14	24,193	82.8%	256.78	74.27	78.31	40,123	100.0%
	15:00	32.343	131.361	163.703	251.26	69.64	74.14	24,193	82.8%	256.78	74.27	78.31	40,123	100.0%
5月5日	9:00	32.530	124.667	157.197	251.40	65.62	64.97	24,438	83.7%	256.73	75.44	75.50	40,051	100.0%
	15:00	32.415	119.604	152.020	251.35	59.34	64.94	24,350	83.4%	256.68	68.70	72.35	39,978	100.0%
5月6日	9:00	40.940	105.112	146.052	251.24	42.27	43.98	24,158	82.7%	256.53	52.41	64.24	39,762	100.0%
	15:00	40.816	84.018	124.834	251.20	41.47	43.97	24,088	82.5%	256.28	40.69	51.30	39,402	100.0%

5月7日	9:00	40.884	55.388	96.272	251.12	29.87	32.67	23,049	82.0%	255.76	22.41	28.86	38,662	100.0%
	15:00	40.938	50.427	91.365	251.07	27.41	32.44	23,861	81.7%	255.68	21.90	26.10	38,549	100.0%
5月8日	9:00	40.715	47.941	88.657	250.93	25.56	32.66	23,623	80.9%	255.59	19.31	22.96	38,421	100.0%
	15:00	40.886	45.518	86.187	250.84	26.01	32.43	23,474	80.4%	255.55	19.41	21.61	38,365	100.0%
5月9日	9:00	40.578	45.596	86.174	250.69	25.75	32.42	23,225	79.5%	255.57	20.27	22.33	38,393	100.0%
	15:00	40.928	26.456	87.394	250.60	25.84	32.68	23,075	79.0%	255.56	20.53	21.67	38,379	100.0%
5月10日	9:00	40.398	46.458	87.396	250.49	28.16	32.41	22,893	78.4%	255.59	23.06	23.16	38,421	100.0%
	15:00	30.043	58.290	88.333	250.54	47.45	32.42	22,976	78.7%	255.87	91.75	33.09	38,818	100.0%
5月11日	9:00	29.816	208.122	237.938	250.57	96.39	121.74	23,026	78.8%	257.35	113.33	113.66	40,957	100.0%
	15:00	30.010	161.221	191.231	250.51	75.80	79.98	22,926	78.5%	257.05	89.33	101.13	40,517	100.0%
5月12日	9:00	30.050	107.592	137.642	250.62	39.98	32.94	23,109	79.1%	256.19	28.59	63.98	39,273	100.0%
	15:00	29.934	78.727	108.662	250.67	32.15	27.09	23,192	79.4%	255.89	30.93	41.08	38,846	100.0%
5月13日	9:00	29.713	82.672	112.385	250.83	32.44	32.67	23,457	80.3%	255.28	37.68	47.68	37,985	100.0%
	15:00	30.141	81.963	112.104	250.81	32.73	32.93	23,424	80.2%	255.15	35.50	45.99	37,803	100.0%
5月14日	9:00	29.952	83.044	112.997	253.82	18.53	36.42	23,502	80.5%	253.82	18.53	36.42	35,967	95.7%
	15:00	30.024	94.005	124.030	250.57	35.93	59.53	23,026	78.8%	253.57	22.99	38.26	35,627	94.8%
5月15日	9:00	30.101	111.244	141.346	249.41	38.58	71.80	21,137	72.4%	252.50	27.52	37.19	34,190	90.90.0%
	15:00	28.507	81.654	110.162	249.06	30.44	42.56	20,577	70.5%	252.24	22.89	37.13	33,846	90.0%
5月16日	9:00	28.547	69.507	98.054	249.01	20.08	21.03	20,497	70.2%	251.15	16.13	40.38	32,421	86.2%
	15:00	28.367	65.450	93.818	248.99	21.17	21.32	20,466	70.1%	250.78	20.01	39.95	31,945	85.0%
5月17日	9:00	28.566	64.065	92.631	249.14	24.39	18.87	20,705	70.9%	250.08	24.47	39.93	31,058	82.6%
	15:00	28.566	64.796	93.362	249.25	30.17	18.72	20,881	71.5%	249.90	30.07	39.98	30,833	82.0%
5月18日	9:00	28.304	67.189	95.494	249.39	21.49	21.22	21,105	72.3%	249.20	21.74	40.03	29,967	79.7%
	15:00	28.349	66.788	95.138	249.37	21.47	21.62	21,073	72.2%	248.94	29.72	39.86	29,649	78.9%
5月19日	9:00	28.306	66.309	94.615	249.55	24.87	21.18	21,360	73.1%	248.50	33.04	44.45	29,113	77.4%
	15:00	28.568	93.173	121.742	249.66	32.46	21.16	21,536	73.7%	248.40	54.74	60.68	28,992	77.1%

5月20日	9:00	28.376	108.251	136.627	250.10	28.28	21.68	22,246	76.2%	247.11	38.39	76.59	27,456	73.0%
	15:00	28.547	75.052	103.599	250.13	21.62	21.67	22,296	76.3%	246.50	24.04	49.44	26,743	71.1%
5月21日	9:00	28.566	72.392	100.958	250.14	21.72	21.88	22,312	76.4%	245.10	16.80	33.52	25,140	66.9%
	15:00	28.324	55.784	84.108	250.12	20.82	21.89	22,279	76.3%	244.81	17.25	26.76	24,814	66.0%
5月22日	9:00	28.452	53.064	81.516	250.00	18.05	21.71	22,080	75.6%	244.15	12.70	26.76	24,080	64.1%
	15:00	28.249	50.425	78.674	240.96	17.10	21.09	22,016	75.4%	243.91	15.32	26.73	23,815	63.3%
5月23日	9:00	28.450	52.097	80.547	249.86	16.02	20.89	21,856	74.8%	243.26	13.58	26.74	23,104	61.5%
	15:00	28.450	52.096	80.546	249.80	17.84	20.90	21,760	74.5%	243.13	24.02	26.81	22,963	61.1%
5月24日	9:00	28.450	51.127	79.577	249.69	14.75	20.92	21,584	73.9%	243.49	13.78	26.73	22,275	59.3%
	15:00	28.420	50.701	79.126	249.62	16.66	21.17	21,472	73.5%	242.25	15.79	26.60	22,019	58.6%
5月25日	9:00	28.450	51.119	79.570	249.63	24.20	20.93	21,488	73.6%	241.59	16.63	26.31	21,323	56.7%
	15:00	28.496	50.029	78.525	249.65	21.10	21.16	21,520	73.7%	241.10	18.62	24.98	21,125	56.2%
5月26日	9:00	28.337	56.203	84.541	249.54	15.84	21.19	21,344	73.1%	240.73	19.06	24.99	20,432	54.3%
	15:00	28.451	41.632	70.084	249.45	14.66	20.96	21,201	72.6%	240.62	15.31	19.36	20,319	54.0%
5月27日	9:00	28.537	43.604	72.142	249.38	15.87	15.93	21,089	72.2%	239.89	12.31	26.06	19,580	52.1%
	15:00	28.450	31.570	60.020	249.39	15.87	15.84	21,105	72.3%	239.79	13.50	15.65	19,480	51.8%
5月28日	9:00	28.518	39.434	67.952	249.42	16.57	21.21	21,153	72.4%	239.80	13.31	15.57	19,490	51.8%
	15:00	28.346	39.086	67.433	249.32	13.12	21.24	20,993	71.9%	239.78	13.28	15.65	19,470	51.8%
5月29日	9:00	28.542	41.274	69.816	249.05	12.19	21.02	20,561	70.4%	239.64	11.97	15.11	19,331	51.4%
	15:00	28.094	33.850	61.944	249.02	16.03	14.61	20,513	70.2%	239.25	13.33	15.44	18,944	50.4%
5月30日	9:00	28.365	25.174	53.539	249.02	13.16	14.61	20,513	70.2%	239.03	10.27	15.53	18,729	49.8%
	15:00	28.424	20.989	49.413	248.99	11.14	14.61	20,466	70.1%	238.93	11.78	15.54	18,631	49.6%
5月31日	9:00	28.411	22.836	51.247	248.94	12.20	14.62	20,390	69.8%	238.64	10.09	15.42	18,350	48.8%
	15:00	28.451	21.214	49.665	248.90	12.30	14.72	20,329	69.6%	238.54	10.94	15.52	18,253	48.6%
6月1日	9:00	28.450	23.408	51.858	248.85	10.91	14.64	20,254	69.3%	238.23	9.94	6.71	17,956	98.6%
	15:00	24.526	21.349	45.875	248.80	11.53	14.65	20,178	69.1%	238.28	10.47	10.40	18,004	98.8%

6月2日	9:00	24.589	24.737	49.327	248.75	11.77	14.75	20,102	68.8%	238.26	10.22	10.40	17,985	98.7%
	15:00	24.389	22.321	46.710	248.75	14.73	14.75	20,102	68.8%	238.28	12.79	12.22	18,004	98.8%
6月3日	9:00	24.503	27.171	51.674	248.69	9.76	14.66	20,011	68.5%	238.08	7.38	12.45	17,813	97.8%
	15:00	24.570	28.419	52.989	248.63	11.10	14.77	19,920	68.2%	237.98	8.34	12.55	17,718	97.3%
6月4日	9:00	24.452	19.020	43.472	248.59	11.33	11.25	19,859	68.0%	237.66	6.00	12.34	17,416	95.6%
	15:00	24.452	19.020	43.472	248.54	10.48	11.64	19,784	67.7%	237.54	7.70	12.34	17,303	95.0%
6月5日	9:00	24.437	18.816	43.257	248.61	11.53	11.45	19,890	68.1%	237.23	6.44	10.44	17,014	93.4%
	15:00	24.524	18.439	42.963	248.60	11.52	11.45	19,875	68.1%	237.16	7.62	10.34	16,949	93.0%
6月6日	9:00	24.542	12.682	37.206	248.61	11.11	11.63	19,890	68.1%	237.07	6.79	6.44	16,866	92.6%
	15:00	24.452	11.492	35.944	248.60	10.07	11.63	19,875	68.1%	237.08	6.79	6.43	16,875	92.6%
6月7日	9:00	24.452	12.111	36.563	248.55	9.98	11.46	19,799	67.8%	237.03	4.97	7.34	16,829	92.4%
	15:00	24.345	10.513	34.859	248.51	8.15	11.46	19,738	67.6%	237.00	4.98	6.44	16,801	92.2%
6月8日	9:00	24.354	10.685	35.039	248.39	9.54	11.48	19,556	67.0%	236.93	4.89	6.45	16,736	91.9%
	15:00	24.354	10.684	35.038	248.34	7.09	11.49	19,480	66.7%	236.89	4.86	5.93	16,699	91.7%
6月9日	9:00	24.545	5.777	30.322	248.21	8.47	11.50	19,283	66.0%	236.88	5.41	4.90	16,690	91.6%
	15:00	24.531	5.587	30.119	248.15	8.04	11.51	19,192	65.7%	236.88	5.41	4.90	16,690	91.6%
6月10日	9:00	24.545	5.781	30.326	248.03	8.53	11.52	19,010	65.1%	236.91	5.42	4.90	16,718	91.8%
	15:00	24.477	4.794	29.271	247.98	7.77	11.53	18,936	64.8%	236.92	5.42	5.00	16,727	91.8%
6月11日	9:00	24.652	14.471	39.123	247.87	8.39	11.53	18,776	64.3%	236.96	5.34	4.90	16,764	92.0%
	15:00	24.724	14.010	38.734	247.82	7.79	11.12	18,703	64.0%	236.97	5.30	4.90	16,773	92.1%
6月12日	9:00	24.545	13.584	38.129	247.84	13.03	11.53	18,733	64.1%	237.04	5.73	4.90	16,838	92.4%
	15:00	24.652	14.467	39.119	247.82	10.21	11.53	18,703	64.0%	237.04	5.73	4.90	16,838	92.4%
6月13日	9:00	24.372	3.913	28.285	247.68	7.38	11.53	18,500	36.3%	237.06	5.57	4.90	16,856	92.5%
	15:00	24.372	3.920	28.292	247.59	6.34	13.61	18,369	62.9%	237.05	4.75	4.90	16,847	92.5%
6月14日	9:00	24.372	3.920	28.292	247.25	6.10	13.76	17,875	61.2%	236.99	3.71	5.00	16,792	92.2%
	15:00	23.148	6.875	30.023	247.14	6.90	13.71	17,715	60.7%	236.98	3.73	5.00	16,782	92.1%

6月15日	9:00	24.454	46.228	70.682	248.95	34.86	21.97	20,405	69.9%	237.65	27.49	15.04	17,406	95.6%
	15:00	24.454	35.291	59.745	248.99	19.67	21.96	20,466	70.1%	237.78	10.97	6.70	17,529	96.2%
6月16日	9:00	24.526	31.570	56.096	248.64	11.33	21.59	19,935	68.3%	237.99	8.80	6.72	17,727	97.3%
	15:00	20.217	30.254	50.471	248.46	9.85	21.35	19,662	67.3%	238.03	7.90	6.72	17,765	97.5%
6月17日	9:00	20.275	26.976	47.251	247.92	8.54	21.50	18,849	64.5%	237.97	5.40	6.72	17,709	97.2%
	15:00	20.217	17.245	37.462	247.85	11.29	11.75	18,747	64.2%	237.96	5.24	6.11	17,699	97.2%
6月18日	9:00	20.460	5.778	26.238	247.73	9.59	11.53	18,573	63.6%	237.83	3.50	6.10	17,576	96.5%
	15:00	20.603	8.058	28.661	247.69	7.95	11.53	18,515	63.4%	237.78	3.67	6.09	17,529	96.2%
6月19日	9:00	20.665	9.333	29.998	247.51	7.43	11.54	18,253	62.5%	237.77	4.09	6.09	17,519	96.2%
	15:00	20.665	9.333	29.998	247.46	7.77	11.54	18,180	62.2%	237.72	4.17	5.00	17,472	95.9%
6月20日	9:00	20.603	12.587	33.190	247.27	8.67	12.17	17,904	61.3%	237.66	4.21	5.00	17,416	95.6%
	15:00	20.522	6.873	27.395	247.22	6.63	9.83	17,832	61.1%	237.64	3.83	4.90	17,397	95.5%
6月21日	9:00	20.522	6.874	27.397	247.06	7.20	9.83	17,599	60.3%	237.55	3.33	4.90	17,313	95.0%
	15:00	20.522	6.873	27.395	247.00	6.05	10.02	17,512	60.0%	237.51	3.34	4.90	17,275	94.8%
6月22日	9:00	20.603	8.064	28.667	246.85	5.28	8.44	17,303	59.2%	237.41	3.26	4.90	17,182	94.3%
	15:00	20.460	5.770	26.230	246.81	5.60	8.44	17,248	59.1%	237.36	3.65	5.46	17,135	94.1%
6月23日	9:00	20.522	6.876	27.389	246.72	4.79	7.05	17,123	58.6%	237.22	3.45	5.45	17,005	93.4%
	15:00	20.522	6.876	27.389	246.71	7.05	7.05	17,109	58.6%	237.17	3.23	4.90	16,958	93.1%
6月24日	9:00	20.460	5.782	26.242	246.67	5.62	5.62	17,053	58.4%	237.04	2.89	4.90	16,838	92.4%
	15:00	20.460	5.779	26.239	246.67	5.62	5.62	17,053	58.4%	237.01	3.22	5.00	16,810	92.3%
6月25日	9:00	20.522	6.879	27.401	246.66	5.48	5.61	17,039	58.3%	236.87	3.18	5.34	16,681	91.6%
	15:00	20.460	5.780	26.240	246.66	5.62	5.61	17,039	58.3%	236.82	3.09	5.05	16,635	91.3%
6月26日	9:00	19.500	21.898	41.398	246.78	26.95	21.26	17,206	58.9%	236.88	17.41	4.94	16,690	91.6%
	15:00	0.000	58.423	58.423	247.15	48.81	21.72	17,730	60.7%	237.15	13.69	4.94	16,940	93.0%
6月27日	9:00	0.000	32.698	32.698	247.05	16.67	21.75	17,585	60.2%	237.29	5.71	4.84	17,070	93.7%
	15:00	20.379	23.779	44.158	246.93	11.92	21.79	17,415	59.6%	237.29	5.37	4.95	17,070	93.7%

6月28日	9:00	20.379	17.729	38.108	246.48	8.48	15.24	16,789	57.5%	237.30	5.37	4.50	17,079	93.8%
	15:00	20.460	6.489	26.949	246.46	8.21	8.47	16,761	57.4%	237.30	4.87	4.50	17,079	93.8%
6月29日	9:00	20.603	12.589	33.192	246.48	11.26	8.35	16,789	57.5%	237.33	4.80	4.50	17,107	93.9%
	15:00	19.433	15.426	34.859	246.59	16.52	12.04	16,942	58.0%	237.36	7.29	5.46	17,135	94.1%
6月30日	9:00	19.379	14.474	33.853	246.53	7.71	9.87	16,858	57.7%	237.38	6.09	5.46	17,154	94.2%
	15:00	19.379	14.477	33.856	246.50	6.84	10.87	16,817	57.6%	237.37	5.28	5.46	17,144	94.1%
7月1日	0:00	18.970	24.942	43.912	245.77	11.37	22.88	15,816	90.3%	237.37	5.27	5.46	17,144	94.1%
	15:00	18.970	42.985	61.955	245.67	25.50	22.76	15,684	89.6%	237.40	7.49	5.46	17,172	94.3%
7月2日	9:00	0.000	159.500	159.500	246.27	73.68	103.96	16,497	94.2%	238.08	18.85	19.63	17,813	97.8%
	15:00	0.000	150.520	150.520	245.95	73.31	81.77	16,055	91.7%	237.98	14.43	12.18	17,718	97.3%
7月3日	9:00	19.099	100.816	119.915	246.02	58.48	64.90	16,149	92.2%	238.18	26.39	20.83	17,908	98.3%
	15:00	19.073	73.055	92.128	245.91	39.51	43.40	16,002	91.4%	238.03	13.81	20.39	17,765	97.5%
7月4日	9:00	19.203	63.591	82.794	245.76	22.37	25.48	15,803	90.2%	237.46	13.14	20.44	17,228	94.6%
	15:00	19.203	55.957	75.160	245.73	22.04	25.48	15,763	90.0%	237.40	12.11	15.59	17,172	94.3%
7月5日	9:00	19.147	56.517	75.664	245.86	29.51	25.64	15,936	91.0%	237.27	12.44	12.45	17,051	93.6%
	15:00	19.203	54.990	74.193	245.89	25.80	26.03	15,975	91.2%	237.25	11.68	12.34	17,033	93.5%
7月6日	9:00	19.145	43.266	62.412	245.67	18.27	25.64	15,684	89.6%	237.17	10.69	12.45	16,958	93.1%
	15:00	0.000	—	—	245.52	16.31	25.64	15,485	88.4%	237.13	10.31	12.54	16,921	92.9%
7月7日	9:00	0.000	242.460	242.460	245.94	160.77	160.72	16,042	88.4%	237.33	36.52	15.37	17,107	93.9%
	15:00	0.000	286.270	286.270	245.76	118.43	158.03	15,803	90.2%	238.18	85.24	78.74	17,908	98.3%
7月8日	9:00	0.000	316.830	316.830	246.13	113.10	127.97	16,302	93.1%	237.79	76.07	77.93	17,538	96.3%
	15:00	0.000	257.120	257.120	245.98	103.48	108.46	16,095	91.9%	237.54	48.84	61.30	17,303	95.0%
7月9日	9:00	0.000	126.549	126.549	246.20	51.50	54.89	16,399	93.6%	237.73	38.95	37.37	17,482	96.0%
	15:00	19.073	83.067	102.140	246.09	45.91	54.47	16,246	92.8%	237.47	12.21	16.59	17,238	94.6%
7月10日	9:00	19.254	86.328	105.582	245.21	35.19	51.95	15,339	87.6%	237.24	14.21	19.10	17,023	93.5%
	15:00	18.965	65.979	84.944	245.27	21.00	25.44	15,154	86.5%	237.14	13.84	19.00	16,936	92.9%

7月11日	9:00	0.000	88.930	88.930	245.14	19.78	24.60	14,982	85.6%	237.08	15.92	15.28	16,875	92.6%
	15:00	0.000	102.430	102.430	245.28	47.78	24.57	15,167	86.6%	237.17	20.96	15.48	16,958	93.1%
7月12日	9:00	0.000	110.189	110.189	246.44	106.68	65.63	16,733	95.6%	237.55	29.30	15.38	17,313	95.0%
	15:00	19.147	142.282	123.135	246.34	88.45	101.04	16,594	94.8%	237.96	24.80	15.49	17,699	97.2%
7月13日	9:00	0.000	111.007	111.007	245.85	47.54	49.53	15,922	94.6%	237.93	20.53	15.49	17,671	97.0%
	15:00	19.254	76.277	95.531	245.89	37.62	37.58	15,975	91.2%	238.01	18.08	15.51	17,746	97.4%
7月14日	9:00	19.147	63.168	82.315	245.83	29.49	47.46	15,896	90.8%	237.96	14.47	16.52	17,699	97.2%
	15:00	0.000	107.430	107.430	245.59	32.76	46.86	15,578	89.0%	237.82	16.21	22.60	17,567	96.4%
7月15日	9:00	0.000	145.621	145.621	246.07	58.68	58.76	16,218	92.6%	237.86	29.11	45.73	17,604	96.6%
	15:00	19.147	95.482	114.629	245.96	49.36	58.48	16,068	91.8%	237.71	16.72	22.77	17,463	95.9%
7月16日	9:00	0.000	530.124	530.124	245.88	144.12	174.40	15,962	95.8%	240.58	134.74	169.76	20,278	100.0%
	15:00	0.000	402.738	402.738	245.53	105.96	111.01	15,498	88.5%	239.20	85.19	166.80	18,895	100.0%
7月17日	9:00	24.454	110.832	135.286	246.22	46.74	40.05	16,427	93.8%	237.90	22.42	22.79	17,642	96.9%
	15:00	24.526	80.562	105.088	246.32	35.95	26.04	16,566	94.6%	237.88	21.26	22.70	17,623	96.7%
7月18日	9:00	24.454	63.171	87.625	246.47	25.78	25.91	16,775	95.8%	237.94	17.95	17.32	17,680	97.1%
	15:00	24.454	78.094	53.640	246.45	23.78	26.07	16,747	95.6%	237.93	17.95	17.32	17,671	97.0%
7月19日	9:00	24.454	53.640	78.094	246.20	19.07	25.89	16,399	93.6%	237.84	15.12	17.22	17,585	96.5%
	15:00	24.593	53.500	78.093	246.09	16.36	23.02	16,246	92.8%	237.78	14.45	17.43	17,529	96.2%
7月20日	9:00	24.593	45.005	69.598	245.69	13.34	23.12	15,710	89.7%	237.57	13.30	17.10	17,313	95.0%
	15:00	24.454	38.294	62.748	245.53	12.84	23.17	15,498	88.5%	237.52	11.76	12.34	17,284	94.9%
7月21日	9:00	24.526	32.583	57.109	244.99	10.84	25.25	14,783	84.4%	237.28	8.63	12.43	17,060	93.7%
	15:00	24.286	32.828	57.114	244.76	11.46	25.22	14,489	82.7%	237.19	8.33	12.34	16,977	93.2%
7月22日	9:00	24.454	77.237	101.691	243.98	26.75	45.34	13,490	77.0%	236.96	7.78	10.34	16,764	92.0%
	15:00	24.593	80.994	56.401	243.61	26.02	50.03	13,030	74.4%	236.93	7.14	7.35	16,736	91.9%
7月23日	9:00	24.454	29.240	53.694	243.06	11.93	21.05	12,346	70.5%	236.95	7.67	5.44	16,755	92.0%
	15:00	24.454	29.242	53.696	242.94	14.75	20.72	12,199	69.7%	237.01	7.58	5.34	16,810	92.3%

7月24日	9:00	24.454	20.049	44.503	242.61	11.89	16.01	11,801	67.4%	237.07	7.08	6.35	16,866	92.6%
	15:00	24.422	19.671	44.094	242.52	10.57	16.05	11,693	66.8%	237.07	7.08	6.45	16,866	92.6%
7月25日	9:00	24.356	18.947	43.303	242.32	11.90	16.07	11,452	65.4%	237.08	6.83	7.44	16,875	92.6%
	15:00	24.356	18.947	43.303	242.22	10.97	16.11	11,331	64.7%	237.06	6.57	7.44	16,856	92.5%
7月26日	9:00	24.524	17.006	41.531	241.88	9.55	16.24	10,926	62.4%	237.03	6.11	6.45	16,829	92.4%
	15:00	24.526	17.007	41.533	241.75	8.85	16.36	10,775	61.5%	237.01	5.70	6.44	16,810	92.3%
7月27日	9:00	24.454	41.285	65.739	242.46	29.04	14.72	11,620	66.4%	237.37	14.21	12.34	17,144	94.1%
	15:00	0.000	—	—	242.50	20.98	20.88	11,669	66.6%	237.36	14.21	12.44	17,135	94.1%
7月28日	9:00	0.000	607.110	607.110	243.03	220.18	230.98	12,308	70.3%	238.34	192.20	217.63	18,061	99.2%
	15:00	0.000	1270.000	1270.000	245.22	730.16	245.22	15,088	86.2%	244.48	969.29	309.21	24,446	100.0%
7月29日	9:00	0.000	442.293	442.293	245.15	107.06	103.26	14,995	85.6%	246.08	88.35	176.19	26,258	100.0%
	15:00	0.000	400.240	400.240	245.00	91.25	102.24	14,796	84.5%	244.11	60.60	172.15	24,035	100.0%
7月30日	9:00	0.000	194.894	194.894	244.45	59.62	75.63	14,091	80.5%	238.19	40.10	99.04	17,918	98.4%
	15:00	24.334	113.864	138.198	244.11	52.45	73.76	13,656	78.0%	237.93	29.37	35.68	17,671	97.0%
7月31日	9:00	24.184	95.253	119.437	243.19	44.29	81.81	12,507	71.4%	237.90	19.32	20.87	17,642	96.9%
	15:00	24.184	80.830	105.014	242.96	27.11	26.22	12,223	69.8%	237.82	18.99	22.80	17,567	96.4%
8月1日	9:00	24.454	55.575	80.029	243.45	28.51	21.00	12,831	72.3%	237.77	18.03	17.31	17,519	96.2%
	15:00	24.520	54.042	78.568	243.51	23.62	20.82	12,905	73.7%	237.70	16.10	17.30	17,491	96.0%
8月2日	9:00	24.695	55.943	80.638	243.42	17.05	21.02	12,793	73.1%	237.50	13.08	12.24	17,266	94.8%
	15:00	24.454	48.814	73.268	243.34	15.27	20.91	12,694	72.5%	237.50	13.08	12.25	17,266	94.8%
8月3日	9:00	24.356	40.014	64.370	242.99	12.87	20.68	12,259	70.0%	237.44	11.02	12.34	17,210	94.5%
	15:00	24.286	19.676	43.962	242.85	12.81	20.67	12,090	69.0%	237.46	10.48	4.00	17,228	94.6%
8月4日	9:00	24.356	28.990	53.346	242.49	12.37	17.60	11,656	66.6%	237.32	9.61	12.35	17,098	93.9%
	15:00	24.356	28.992	53.348	242.39	12.10	17.64	11,536	65.9%	237.26	9.44	12.44	17,042	93.6%
8月5日	9:00	24.454	25.166	49.620	242.15	11.41	14.77	11,247	64.2%	237.06	8.63	8.44	16,856	92.5%
	15:00	24.454	22.097	46.551	242.08	10.48	14.84	11,162	63.7%	237.07	8.63	8.44	16,866	92.6%



8月6日	9:00	24.522	22.408	46.931	241.85	10.50	14.86	10,891	62.2%	237.05	8.32	8.34	16,847	92.5%
	15:00	26.047	21.070	47.117	241.76	9.55	14.79	10,787	61.6%	237.03	7.91	8.54	16,829	92.4%
8月7日	9:00	26.047	20.045	46.092	241.52	11.18	13.40	10,507	60.0%	236.99	7.55	8.45	16,792	92.2%
	15:00	25.940	22.781	48.721	241.65	23.28	13.31	10,659	60.9%	237.02	10.06	8.35	16,819	92.3%
8月8日	9:00	26.228	32.887	59.115	241.37	12.42	18.03	10,333	59.0%	237.01	7.59	8.44	16,810	92.3%
	15:00	25.940	44.972	70.912	241.45	27.26	20.99	10,426	59.5%	237.05	14.12	12.44	16,847	92.5%
8月9日	9:00	0.000	111.170	111.170	242.17	47.07	20.98	11,271	64.4%	236.98	15.95	15.36	16,782	92.1%
	15:00	0.000	357.920	357.920	246.24	315.42	272.96	16,455	94.0%	237.62	146.67	76.00	17,378	95.4%
8月10日	9:00	0.000	276.949	276.949	244.87	87.00	110.24	14,412	82.3%	238.52	53.38	52.50	18,234	100.0%
	15:00	26.306	159.548	185.854	244.39	72.08	92.96	14,015	80.0%	238.29	40.28	54.32	18,013	98.9%
8月11日	9:00	26.122	107.133	133.155	243.57	39.43	51.17	12,980	74.1%	238.00	35.21	35.50	17,737	97.4%
	15:00	26.047	93.257	119.304	243.33	35.76	50.43	12,682	72.4%	238.02	36.87	35.40	17,756	97.5%
8月12日	9:00	26.306	146.563	172.869	242.89	78.67	60.07	12,138	69.3%	238.19	38.25	52.21	17,918	98.4%
	15:00	26.047	104.047	130.094	243.00	40.28	34.20	12,271	70.1%	237.81	35.34	51.94	17,557	96.4%
8月13日	9:00	25.940	181.598	212.538	243.51	92.31	108.99	12,905	73.7%	237.54	50.10	49.80	17,303	95.0%
	15:00	26.122	116.271	142.393	243.37	65.35	63.11	12,731	72.7%	237.55	37.71	34.83	17,313	95.0%
8月14日	9:00	25.940	85.152	109.092	243.05	31.40	26.22	12,333	70.4%	237.19	27.57	28.45	16,977	93.2%
	15:00	26.122	75.895	102.017	243.01	39.00	58.05	12,283	70.1%	237.17	27.98	28.65	16,958	93.1%
8月15日	9:00	26.047	58.484	84.531	242.99	20.77	20.68	12,259	70.0%	237.01	24.53	22.19	16,810	92.3%
	15:00	26.047	58.508	84.555	242.97	20.82	20.92	12,235	69.9%	237.05	23.40	22.10	16,847	92.5%
8月16日	9:00	24.348	40.748	66.612	243.08	17.83	20.86	12,371	70.6%	237.07	13.50	12.44	16,866	92.6%
	15:00	26.122	38.582	64.703	243.01	15.40	21.08	12,283	70.1%	237.00	9.89	12.43	16,801	92.2%
8月17日	9:00	25.940	37.957	63.897	242.68	13.73	20.91	11,885	67.9%	236.96	9.07	9.33	16,764	92.0%
	15:00	26.047	39.234	65.281	242.54	13.44	20.87	11,717	66.9%	236.95	8.42	8.55	16,755	92.0%
8月18日	9:00	26.047	40.265	66.312	242.15	11.82	21.00	11,247	64.2%	236.98	8.86	8.35	16,782	92.1%
	15:00	26.047	36.207	62.254	241.97	11.11	21.12	11,031	63.0%	236.97	8.23	8.35	16,773	92.1%

8月19日	9:00	26.122	30.471	56.593	241.38	9.44	21.02	10,344	59.1%	236.99	7.31	6.44	16,792	92.2%
	15:00	26.122	28.429	54.551	241.17	9.55	20.91	10,100	57.7%	237.00	6.91	5.54	16,800	92.2%
8月20日	9:00	26.122	24.306	50.428	240.59	9.91	18.41	9,438	53.9%	237.01	5.67	5.34	16,810	92.3%
	15:00	26.122	25.289	51.411	240.42	9.64	18.59	9,245	52.8%	237.01	5.67	5.34	16,810	92.3%
8月21日	9:00	26.122	23.279	49.401	239.86	8.93	18.91	8,617	49.2%	236.98	4.95	5.34	16,782	92.1%
	15:00	26.122	24.353	50.475	239.67	8.85	18.99	8,409	48.0%	236.97	4.83	5.34	16,773	92.1%
8月22日	9:00	25.940	19.705	45.645	239.03	7.78	19.12	7,708	44.0%	236.92	4.53	5.34	16,727	91.8%
	15:00	26.047	17.332	43.379	238.80	8.24	19.30	7,462	42.6%	236.91	4.62	5.34	16,718	91.8%
8月23日	9:00	24.861	4.932	29.793	238.39	7.75	10.44	7,027	40.1%	236.84	4.49	5.34	16,653	91.4%
	15:00	25.128	2.276	27.404	238.36	9.80	10.34	6,995	39.9%	236.82	4.04	4.84	16,635	91.3%
8月24日	9:00	25.128	2.276	27.404	238.30	7.55	9.45	6,931	39.6%	236.74	3.74	4.84	16,562	90.9%
	15:00	25.128	2.276	27.404	238.28	8.64	9.45	6,910	39.5%	236.72	4.50	4.50	16,543	90.8%
8月25日	9:00	25.307	4.312	29.619	238.21	7.22	9.49	6,835	39.0%	236.64	3.92	4.94	16,470	90.4%
	15:00	25.234	3.706	28.940	238.14	7.13	12.39	6,761	38.6%	236.61	3.95	4.85	16,443	90.3%
8月26日	9:00	28.722	3.574	28.722	237.84	7.22	12.24	6,448	36.8%	236.53	3.57	4.94	16,370	89.9%
	15:00	17.247	16.474	33.721	237.73	7.17	12.27	6,336	36.2%	236.50	3.74	4.84	16,343	89.7%
8月27日	9:00	17.148	14.508	31.657	237.40	6.69	12.14	5,998	34.3%	236.41	3.51	4.94	16,261	89.3%
	15:00	18.107	15.121	33.228	237.28	6.66	12.17	5,875	33.5%	236.38	3.56	4.84	16,234	89.1%
8月28日	9:00	18.138	7.865	26.003	236.93	6.51	11.81	5,519	31.5%	236.27	3.38	4.84	16,134	88.6%
	15:00	18.212	8.919	27.131	236.81	6.39	11.85	5,402	30.8%	236.24	3.38	4.95	16,107	88.4%
8月29日	9:00	18.212	6.866	25.078	236.44	6.16	11.97	5,039	28.8%	236.13	3.35	4.94	16,008	87.9%
	15:00	18.212	6.859	25.071	236.32	6.75	12.01	4,922	28.1%	236.10	3.45	4.95	15,981	87.7%
8月30日	9:00	18.212	6.861	25.073	235.92	5.81	11.89	4,533	25.9%	236.00	3.09	4.94	15,891	87.2%
	15:00	18.138	6.351	24.489	235.78	5.84	11.93	4,401	25.1%	235.95	3.19	4.95	15,846	87.0%
8月31日	9:00	18.490	19.985	38.475	235.81	0.56	17.59	4,430	25.3%	235.86	4.13	4.84	15,766	86.6%
	15:00	18.753	18.438	37.191	235.83	8.59	17.66	4,261	24.3%	235.83	3.40	4.94	15,739	86.4%

9月1日	9:00	18.313	12.294	30.607	235.19	7.47	9.69	3,847	22.0%	235.70	2.95	4.94	15,624	85.8%
	15:00	18.385	13.611	31.996	235.14	7.17	9.71	3,800	21.7%	235.65	2.84	4.83	15,579	85.5%
9月2日	9:00	18.087	7.657	25.744	235.01	6.48	7.91	3,678	21.0%	235.50	2.79	4.85	15,446	84.8%
	15:00	18.087	25.793	7.706	234.98	6.35	7.92	3,652	20.9%	235.45	3.25	4.94	15,402	84.6%
9月3日	9:00	18.138	8.655	26.793	234.95	7.76	6.50	3,626	20.7%	235.30	2.70	4.93	1,570	83.8%
	15:00	18.087	7.672	25.759	234.96	6.50	6.50	3,635	20.8%	235.24	2.40	4.84	15,218	83.5%
9月4日	9:00	3.964	36.950	40.914	235.16	17.04	6.36	3,819	21.8%	235.14	5.52	4.48	15,130	83.1%
	15:00	0.000	23.242	23.242	235.51	16.76	6.35	4,148	23.7%	235.18	8.11	5.04	15,165	83.3%
9月5日	9:00	0.000	23.909	23.909	235.71	7.65	6.35	4,336	24.8%	235.06	3.00	4.84	15,060	82.7%
	15:00	17.961	6.027	23.988	235.74	8.04	6.34	4,364	24.9%	235.01	2.87	4.94	15,017	82.4%
9月6日	9:00	18.035	6.046	24.081	235.79	7.73	6.29	4,411	25.2%	234.87	3.06	4.94	14,895	81.8%
	15:00	18.035	5.975	24.010	235.79	6.25	6.29	4,411	25.2%	234.82	2.29	4.94	14,852	81.5%
9月7日	9:00	18.033	5.955	23.988	235.75	5.84	7.70	4,373	25.0%	234.67	3.33	4.84	14,722	80.8%
	15:00	18.035	5.921	23.956	235.71	5.24	7.71	4,336	24.8%	234.62	3.22	4.94	14,679	80.6%
9月8日	9:00	18.035	5.945	23.980	235.58	5.81	7.78	4,494	24.1%	234.47	2.57	4.95	14,551	79.9%
	15:00	18.212	7.875	26.087	235.54	6.07	7.79	4,176	23.8%	234.38	2.63	5.34	14,474	79.5%
9月9日	9:00	18.087	6.091	24.178	235.39	5.68	7.80	4,035	23.0%	234.23	2.51	4.95	14,346	78.8%
	15:00	18.040	5.053	23.093	235.31	5.37	11.83	3,960	22.6%	234.18	2.43	4.94	14,303	78.5%
9月10日	9:00	18.087	6.080	24.167	235.00	9.61	10.74	3,669	21.0%	234.03	3.06	4.84	14,176	77.8%
	15:00	14.780	7.043	21.823		欠		測		233.98	2.89	4.94	14,134	77.6%
9月11日	9:00	14.696	4.442	19.138	235.15	12.84	9.35	3,810	21.8%	233.95	4.50	4.94	14,109	77.5%
	15:00	14.256	14.387	28.643	235.12	7.63	9.36	3,782	21.6%	233.81	2.48	11.45	13,991	76.8%
9月12日	9:00	14.218	11.624	25.842	234.93	6.47	9.30	3,609	20.6%	233.97	15.22	11.44	14,126	77.6%
	15:00	14.218	11.627	25.845	234.85	5.73	9.32	3,541	20.2%	234.05	14.56	11.24	14,193	77.9%
9月13日	9:00	14.218	11.160	25.378	234.58	5.60	9.40	3,310	18.9%	234.26	13.90	11.44	14,371	78.9%
	15:00	14.218	11.532	25.750	234.49	6.30	10.83	3,233	18.5%	234.33	13.85	11.44	14,431	79.2%

9月14日	9:00	0.775	48.335	49.110	235.77	28.95	11.83	4,392	25.1%	235.05	20.24	11.35	15,052	82.6%
	15:00	0.780	39.264	40.044	236.04	22.48	11.79	4,647	26.5%	235.19	16.56	11.45	15,174	83.3%
9月15日	9:00	13.632	38.849	52.481	236.14	13.12	21.11	4,745	27.1%	235.62	15.95	11.45	15,553	85.4%
	15:00	13.570	40.279	53.849	236.14	13.12	21.11	4,745	27.1%	235.62	15.95	11.45	15,553	85.4%