

# Wasserbilanzen der Pegelteileinzugsgebiete - Modelltest



	Beedenbostel	Celle	Eltze	Feuerschützen- bostel	Hörsten
	[m³/13a]	[m³/13a]	[m³/13a]	[m³/13a]	[m³/13a]
<b>Input</b>					
Dirichlet	1.061.431	133.399.473	11.710.000	5.062.280	3.609.090
- Vorfluter	1.061.431	133.399.473	11.710.000	5.062.280	3.609.090
- MLK	0	0	0	0	0
- Randbedingung im Osten	0	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	0
Wells	0	0	0	0	0
- Wasserwerksbrunnen	0	0	0	0	0
- Feldeberegnung LK Celle	0	0	0	0	0
- Drittentnehmer	0	0	0	0	0
- Feldeberegnung andere LK	0	0	0	0	0
Distributed Sources and Sinks	535.389.392	407.624.722	585.384.759	1.080.327.057	389.754.926
- Grundwasserneubildung	527.344.166	389.935.945	561.570.498	1.063.608.355	386.240.073
- Erhöhte Versickerung	8.045.227	17.688.777	23.814.261	16.718.701	3.514.853
- Feldeberegnung andere	0	0	0	0	0
Internal transfer	66.812.498	324.209.320	58.026.361	347.498.959	99.384.319
Summe	603.263.321	865.233.514	655.121.120	1.432.888.295	492.748.335
<b>Output</b>					
Dirichlet	-222.491.223	-547.591.217	-276.763.018	-1.089.441.032	-309.875.426
- Vorfluter	-222.491.223	-547.591.217	-183.961.280	-1.089.441.032	-309.875.426
- MLK	0	0	-92.801.738	0	0
- Randbedingung im Osten	0	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	0
Wells	-30.446.190	-48.711.969	-12.497.649	-59.192.008	-16.981.945
- Wasserwerksbrunnen	-9.179.727	0	-12.497.649	-17.738.227	-8.360.031
- Feldeberegnung LK Celle	-21.266.463	-48.711.969	0	-42.072.311	-8.621.913
- Drittentnehmer	0	0	0	0	0
- Feldeberegnung andere LK	0	0	0	0	0
Distributed Sources and Sinks	-98.940.977	-144.790.931	-288.076.532	-108.576.848	-25.988.579
- Grundwasserneubildung	-98.940.977	-144.787.277	-208.695.661	-107.631.235	-25.988.579
- Erhöhte Versickerung	0	0	0	0	0
- Feldeberegnung andere	0	-3.654	-79.380.871	-945.614	0
Internal transfer	-257.325.414	-177.204.413	-126.233.918	-178.961.346	-144.626.663
Summe	-609.203.803	-918.298.531	-703.571.117	-1.436.171.235	-497.472.613
<b>Bilanz</b>					
Dirichlet	-221.429.792	-414.191.744	-265.053.018	-1.084.378.752	-306.266.336
- Vorfluter	-221.429.792	-414.191.744	-172.251.280	-1.084.378.752	-306.266.336
- Randbedingung im Osten	0	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	0
Wells	-30.446.190	-48.711.969	-12.497.649	-59.192.008	-16.981.945
- Wasserwerksbrunnen	-9.179.727	0	-12.497.649	-17.738.227	-8.360.031
- Feldeberegnung LK Celle	-21.266.463	-48.711.969	0	-42.072.311	-8.621.913
- Drittentnehmer	0	0	0	0	0
- Feldeberegnung andere LK	0	0	0	0	0
Distributed Sources and Sinks	436.448.416	262.833.791	297.308.227	971.750.208	363.766.347
- Grundwasserneubildung	428.403.189	245.148.667	352.874.837	955.977.121	360.251.493
- Erhöhte Versickerung	8.045.227	17.688.777	23.814.261	16.718.701	3.514.853
- Feldeberegnung andere	0	-3.654	-79.380.871	-945.614	0
Internal transfer	-190.512.916	147.004.906	-68.207.557	168.537.612	-45.242.344
Summe	-5.940.482	-53.065.016	-48.449.997	-3.282.940	-4.724.278
Abweichung	-0,49%	-2,98%	-3,57%	-0,11%	-0,48%

# Wasserbilanzen der Pegelteileinzugsgebiete - Modelltest

	Lachendorf	Luttern	Marklendorf	Meißendorf	Meitze
	[m³/13a]	[m³/13a]	[m³/13a]	[m³/13a]	[m³/13a]
<b>Input</b>					
Dirichlet	16.931.217	3.987.695	177.218.923	4.622.661	49.879.507
- Vorfluter	6.036.117	3.987.695	177.218.923	4.622.661	49.795.596
- MLK	0	0	0	0	83.911
- Randbedingung im Osten	10.895.100	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	68.946.382	0	10.832.641
Wells	0	0	0	0	0
- Wasserwerksbrunnen	0	0	0	0	0
- Feldberegnung LK Celle	0	0	0	0	0
- Drittentnehmer	0	0	0	0	0
- Feldberegnung andere LK	0	0	0	0	0
Distributed Sources and Sinks	411.493.276	394.304.191	1.358.044.497	120.274.498	922.589.172
- Grundwasserneubildung	395.638.702	388.094.656	1.354.834.700	120.098.136	912.444.855
- Erhöhte Versickerung	15.854.574	6.209.535	3.209.798	176.362	10.144.317
- Feldberegnung andere	0	0	0	0	0
Internal transfer	214.621.555	74.221.191	397.102.294	61.683.000	57.517.002
Summe	643.046.048	472.513.077	2.001.312.096	186.580.160	1.040.818.322
<b>Output</b>					
Dirichlet	-322.361.459	-249.995.098	-922.972.779	-89.286.973	-578.440.982
- Vorfluter	-208.679.397	-247.897.375	-922.972.779	-89.286.973	-399.939.084
- MLK	0	0	0	0	-178.501.898
- Randbedingung im Osten	-113.682.062	-2.097.723	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	0
Wells	-99.633.012	-25.021.639	-397.245.137	-578.908	-2.161.613
- Wasserwerksbrunnen	-4.418.129	-1.352.365	-319.840.843	0	0
- Feldberegnung LK Celle	-25.783.649	-11.213.934	-60.440.213	-578.908	0
- Drittentnehmer	-39.297.347	0	-16.964.081	0	-2.161.613
- Feldberegnung andere LK	-30.133.886	-12.455.340	0	0	0
Distributed Sources and Sinks	-62.353.016	-45.587.954	-450.676.667	-6.779.925	-331.526.998
- Grundwasserneubildung	-62.353.016	-45.587.954	-439.977.342	-6.779.925	-297.712.608
- Erhöhte Versickerung	0	0	0	0	0
- Feldberegnung andere	0	0	-10.699.325	0	-33.814.390
Internal transfer	-177.690.077	-168.816.743	-243.993.057	-81.541.472	-135.512.575
Summe	-662.037.564	-489.421.433	-2.014.887.640	-178.187.278	-1.047.642.169
<b>Bilanz</b>					
Dirichlet	-305.430.242	-246.007.403	-745.753.856	-84.664.312	-528.561.475
- Vorfluter	-202.643.280	-243.909.680	-745.753.856	-84.664.312	-350.143.488
- Randbedingung im Osten	-102.786.962	-2.097.723	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	68.946.382	0	10.832.641
Wells	-99.633.012	-25.021.639	-397.245.137	-578.908	-2.161.613
- Wasserwerksbrunnen	-4.418.129	-1.352.365	-319.840.843	0	0
- Feldberegnung LK Celle	-25.783.649	-11.213.934	-60.440.213	-578.908	0
- Drittentnehmer	-39.297.347	0	-16.964.081	0	-2.161.613
- Feldberegnung andere LK	-30.133.886	-12.455.340	0	0	0
Distributed Sources and Sinks	349.140.260	348.716.237	907.367.830	113.494.574	591.062.174
- Grundwasserneubildung	333.285.686	342.506.702	914.857.358	113.318.212	614.732.247
- Erhöhte Versickerung	15.854.574	6.209.535	3.209.798	176.362	10.144.317
- Feldberegnung andere	0	0	-10.699.325	0	-33.814.390
Internal transfer	36.931.478	-94.595.551	153.109.237	-19.858.472	-77.995.573
Summe	-18.991.516	-16.908.356	-13.575.544	8.392.882	-6.823.846
Abweichung	-1,46%	-1,76%	-0,34%	2,30%	-0,33%

# Wasserbilanzen der Pegelteileinzugsgebiete - Modelltest

	Neuhaus	Poitzen	Reiningen	Wathlingen	Wieckenberg
	[m³/13a]	[m³/13a]	[m³/13a]	[m³/13a]	[m³/13a]
<b>Input</b>					
Dirichlet	70.963.294	577.624	722.796	112.806.237	122.409.531
- Vorfluter	69.830.158	577.624	722.796	112.806.237	122.409.531
- MLK	0	0	0	0	0
- Randbedingung im Osten	1.133.136	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	34.677.972
Wells	0	0	0	0	0
- Wasserwerksbrunnen	0	0	0	0	0
- Feldeberegnung LK Celle	0	0	0	0	0
- Drittentnehmer	0	0	0	0	0
- Feldeberegnung andere LK	0	0	0	0	0
Distributed Sources and Sinks	720.326.845	570.813.116	466.807.448	902.031.549	789.901.757
- Grundwasserneubildung	695.965.252	568.334.460	463.643.029	866.596.060	783.244.744
- Erhöhte Versickerung	24.361.594	2.478.657	3.164.419	35.435.490	6.657.013
- Feldeberegnung andere	0	0	0	0	0
Internal transfer	120.421.370	131.918.990	69.087.728	175.227.698	184.973.993
Summe	911.711.509	703.309.730	536.617.972	1.190.065.485	1.131.963.252
<b>Output</b>					
Dirichlet	-492.864.416	-478.465.208	-349.152.172	-637.802.021	-222.188.459
- Vorfluter	-345.733.998	-478.465.208	-349.152.172	-621.586.173	-222.188.459
- MLK	0	0	0	-16.215.848	0
- Randbedingung im Osten	-147.130.418	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	0
Wells	-58.107.163	-85.044.345	-13.436.556	-38.278.699	-377.242.870
- Wasserwerksbrunnen	0	-16.801.140	-3.657.685	-18.746.473	-377.148.351
- Feldeberegnung LK Celle	-10.294.730	-690.241	-1.177.357	-15.755.750	-94.519
- Drittentnehmer	0	-347.534	-4.943.738	-3.776.476	0
- Feldeberegnung andere LK	-47.812.433	0	0	0	0
Distributed Sources and Sinks	-243.032.854	-29.319.493	-60.517.178	-384.940.336	-370.594.703
- Grundwasserneubildung	-227.073.926	-22.414.961	-51.992.523	-285.670.423	-348.483.654
- Erhöhte Versickerung	0	0	0	0	0
- Feldeberegnung andere	-15.958.928	-6.904.532	-8.524.655	-99.269.913	-22.111.049
Internal transfer	-138.669.058	-173.949.554	-114.982.331	-170.994.838	-179.328.332
Summe	-932.673.492	-766.778.599	-538.088.238	-1.232.015.895	-1.149.354.363
<b>Bilanz</b>					
Dirichlet	-421.901.122	-477.887.584	-348.429.376	-524.995.784	-99.778.928
- Vorfluter	-275.903.840	-477.887.584	-348.429.376	-508.779.936	-99.778.928
- Randbedingung im Osten	-145.997.282	0	0	0	0
- Randbedingung bei Ostenholz	0	0	0	0	0
Neumann	0	0	0	0	34.677.972
Wells	-58.107.163	-85.044.345	-13.436.556	-38.278.699	-377.242.870
- Wasserwerksbrunnen	0	-16.801.140	-3.657.685	-18.746.473	-377.148.351
- Feldeberegnung LK Celle	-10.294.730	-690.241	-1.177.357	-15.755.750	-94.519
- Drittentnehmer	0	-347.534	-4.943.738	-3.776.476	0
- Feldeberegnung andere LK	-47.812.433	0	0	0	0
Distributed Sources and Sinks	477.293.991	541.493.623	406.290.270	517.091.213	419.307.054
- Grundwasserneubildung	468.891.326	545.919.498	411.650.506	580.925.637	434.761.090
- Erhöhte Versickerung	24.361.594	2.478.657	3.164.419	35.435.490	6.657.013
- Feldeberegnung andere	-15.958.928	-6.904.532	-8.524.655	-99.269.913	-22.111.049
Internal transfer	-18.247.689	-42.030.563	-45.894.604	4.232.860	5.645.661
Summe	-20.961.983	-63.468.869	-1.470.266	-41.950.410	-17.391.112
Abweichung	-1,14%	-4,32%	-0,14%	-1,73%	-0,76%