

TABLE.

Showing the results which have been obtained with the best Coals of the United Kingdom,
 Extracted from the Admiralty Reports on Coals suited to the Steam Navy.

NAME OF FUEL.	Evaporative power or No. of lbs. of water converted into steam by 1 lb of coal.	Weight of Cubic foot in lbs.	Space occupied by 1 ton in cubic feet.	Cohesive Power pr.centage of large coals.	Evaporative Power after deducting for combustible matter in residu.	Evnp. Power per hour per square foot of grate surface.	lbs. of Clinker per ton.
*Graigola.....	9.35	60.17	37.23	49.3	9.66	—	30.6
Anthracite, (James & Awbrey)	9.48	58.25	38.45	68.5	9.7	—	0
Pentrefelin.....	6.36	66.17	33.85	52.7	7.4	40.6	22.7
*Duffryn.....	10.14	53.22	42.09	56.2	11.8	69.8	0
Oldcastle Fiery Vein.....	8.94	50.92	43.99	57.7	—	71.0	0
Ward's Fiery Vein.....	9.40	57.43	39.0	46.5	10.6	87.8	54.5
*Binea.....	9.04	57.08	39.24	51.2	10.3	—	0
*Llangennech.....	8.86	56.93	39.34	53.5	9.2	—	68.6
Pentrepeth.....	8.72	57.72	38.80	46.5	8.98	61.5	80.2
*Mynydd Newydd.....	9.52	56.33	39.76	53.7	10.59	79.6	59.1
*Three-quarter Rock Vein.....	8.84	56.39	39.72	52.7	—	88.3	42.8
*Cwm Frood Rock Vein.....	8.70	55.28	40.52	72.5	9.35	—	40.8
*Cwm Nanty-gros.....	8.41	56.00	40.00	55.7	8.82	71.3	23.7
*Resolven.....	9.53	58.66	38.19	35.0	10.44	71.4	0
Pontypool.....	7.47	55.70	40.22	57.50	8.04	55.0	20.9
*Bedwas.....	9.79	50.50	44.32	54.00	9.99	90.5	25.2
*Ebbw Vale.....	10.21	53.30	42.26	45.00	10.64	90.5	9.3
Porth Mawr.....	7.53	53.30	42.02	62.00	7.75	77.3	27.0
Colesthill.....	8.00	53.00	42.26	62.00	8.34	75.7	39.5
*Neath Abbey.....	8.38	59.30	37.77	50.00	9.65	116.0	19.2
Llynvi.....	9.19	53.30	42.02	—	9.58	89.0	36.0
*Rock Vaw.....	7.68	55.00	40.72	65.5	7.88	91.0	38.0
*Aberdare Co.'s Merthyr.....	9.73	49.30	45.43	74.4	10.27	92.4	9.0
*Thomas's Merthyr.....	10.16	53.00	42.26	57.5	10.72	111.8	2.9
*Nixon's Merthyr.....	9.96	51.70	43.32	64.4	10.70	102.6	5.7
*Hill's Plymouth Works.....	9.75	51.20	43.75	64.0	10.18	119.8	7.5
Slievadagh (Irish Anthracite).	9.85	62.80	35.66	74.0	10.49	84.5	18.0
Dalkeith Jewel Seam.....	7.08	49.8	44.98	85.7	7.10	63.0	62.2
Wallsend Elgin.....	8.46	54.6	41.02	64.0	8.67	91.0	14.6
Grangemouth.....	7.40	54.25	40.13	69.7	7.91	71.4	16.4
Eglington.....	7.37	52.0	43.07	79.5	7.48	90.0	8.2
Newcastle Hartley.....	8.23	50.5	44.35	78.5	8.65	62.0	17.0
Carr's Hartley.....	7.71	47.8	46.86	77.5	8.13	84.6	5.0
North Percy Hartley.....	7.57	49.1	45.62	60.0	7.72	94.0	7.8
Hasting's Hartley.....	7.77	48.5	46.18	75.5	7.96	104.0	1.7
Hedley's Hartley.....	8.16	52.0	43.07	85.5	8.71	74.8	14.4
Original Hartley.....	6.82	49.1	45.62	80.0	6.98	106.5	10.1
Derwentwater's Hartley.....	7.42	50.4	44.44	63.5	7.66	95.0	28.3
Gadley Four-feet Seam.....	9.29	51.6	43.41	68.5	10.73	96.5	11.6
Haswell's Coal Co's Steamboat	7.48	46.4	45.25	79.5	7.85	61.0	0.8
Davidson's West Hartley.....	7.61	47.7	46.96	76.5	7.83	96.5	2.1
Cowpen & Sydney Hartley....	6.79	47.9	46.76	74.0	7.02	84.0	3.7
Balcarras Lindsay Mine.....	7.44	51.1	43.83	70.0	7.58	93.0	22.3
do. Haigh Yard.....	7.90	50.8	44.13	80.0	8.23	79.5	26.4
Johnson & Wirthington's Sir John.....	6.32	51.6	43.41	82.0	6.62	80.5	34.4
Wylam's Patent Fuel.....	8.92	65.08	34.41	—	9.74	72.4	61.6
Bell's " ".....	8.53	65.3	34.30	—	8.65	91.5	76.1
Warlich's " ".....	10.36	69.05	32.44	—	10.60	96.5	29.7
Lyon's " ".....	9.58	61.10	36.66	—	9.77	93.0	38.7
Alfred Watney's Anthracite...	11.08	67.0	33.43	87.5	11.40	127.4	24.6

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