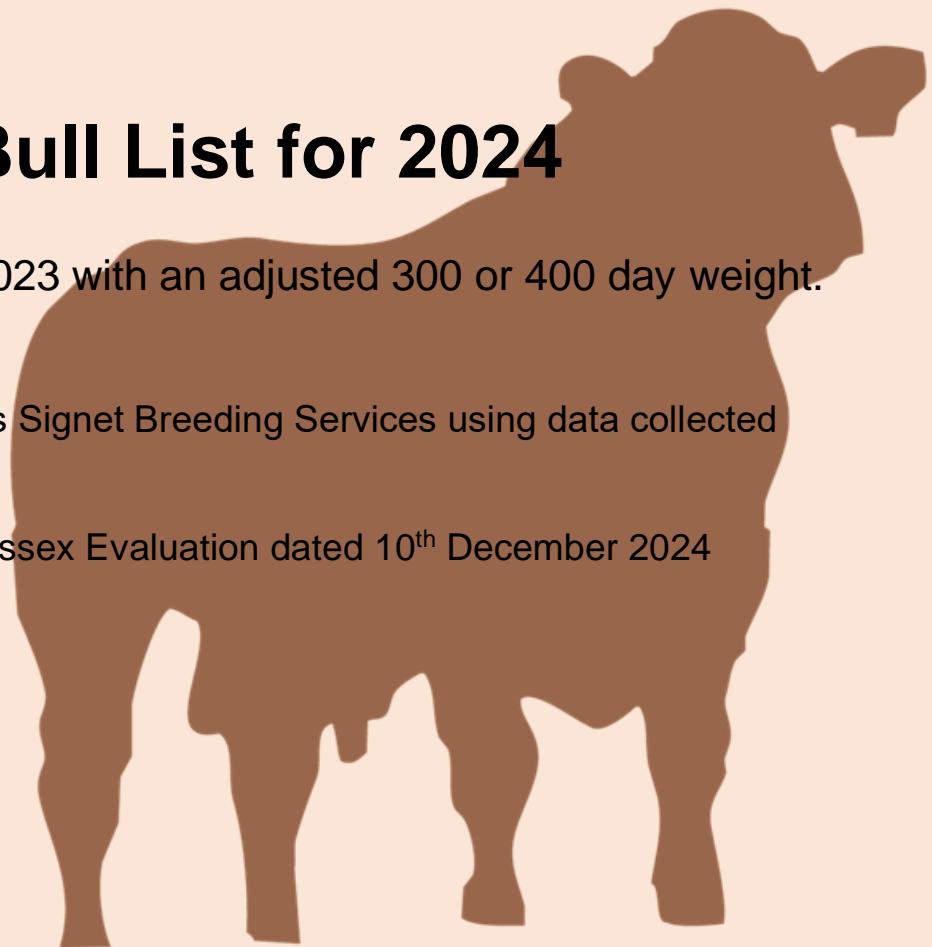# Sussex Promising Young Bull List for 2024

A list of Young Sussex Bulls born since 1st June 2023 with an adjusted 300 or 400 day weight. Bulls are listed alphabetically.

These results are delivered to the beef industry by AHDB's Signet Breeding Services using data collected through the Signet Beefbreeder service.

The EBVs in this publication are based on the National Sussex Evaluation dated 10th December 2024

Introduction

This Breeding Report has been published by Signet Breeding Services in association with the Sussex Cattle Society. Both Signet and the Society continue to encourage all breeders of Sussex cattle to record. More records give a truer picture and greater accuracy in the breeding values produced for individual bulls.

We believe that the figures in this document, if used sensibly, can be of benefit to pedigree and commercial breeders.

For more information about Signet's Beefbreeder Recording Service

AHDB, Signet Breeding Services
Middlemarch Business Park
Coventry
CV3 4SU
Tel: 0247 647 8829
Email: signet@ahdb.org.uk

Why is Performance Recording Important?

The performance and physical appearance of animals are the result of a combination of factors; the genes they get from their parents, management such as feeding, and other effects such as age and sex.

To make genetic improvement breeders need to be able to assess how much of an animal's performance is controlled by its genes alone, i.e. its breeding value, and how much is due to everything else (the 'environment').

Estimated Breeding Values (EBVs)

The best way to measure the breeding value of an animal is to record its performance and analyse this data to produce *Estimated* Breeding Values (EBVs).

The EBVs are expressed in the same units as they were measured (e.g. 400-day growth in kg, muscle depth in mm), with the average EBV of animals born in the base year set to zero for all traits. Because EBVs and Indexes are expressed relative to a common base, direct comparisons can be made between Sussex herds and across years allowing measurement of genetic progress.

EBVs estimate the genetic merit of animals, but calves get only <u>half</u> of their genes from each parent. Before the calf has any performance records of its own, the best estimate of its own EBV is half the sire EBV plus half its dam EBV.

Accuracy Values

Given that the EBV is an estimate of the true breeding value of an animal it is valuable to know the accuracy of the estimate. The Accuracy (Acc %) provides a measure of confidence in the EBV for each trait. It is expressed as a percentage and is calculated from the number of performance records that exist for each trait on the animal itself and all its relatives including progeny, parents, full and half brothers and sisters.

The higher the accuracy the greater the confidence in the EBV and the lower the chance of it changing with new information. The potential range in accuracy values will depend on the particular trait with highly heritable traits having a higher range than those with a low heritability.

It is important to note that BLUP evaluations compensate for a lack of information on an animal by adjusting its EBVs towards the average so there is no need to discount EBVs with low accuracies still further.

Interpreting Estimated Breeding Values (EBVs)

Birth Weight EBV (expressed in kg).
The calf's weight at birth. Higher values for birth weight are more likely to be associated with difficult calvings.

Calving Ease EBV
EBVs for calving ease predict the direct effect of using a particular bull on the percentage of unassisted calvings.

Maternal Calving Ease EBV
A predictor of the proportion of unassisted calvings that you would expect due to the genes influencing the ease with which cows and heifers give birth.

Gestation Length EBV (days)
Short gestation lengths (negative values) result in easier calving because birthweights tend to be lower.

Calving Value (A sub-index)
The Calving Value indicates what the effect will be of using a particular bull on the ease with which his progeny are born.

200 Day Weight EBV (expressed in kg liveweight).
The best estimate of the sire's genetic merit for growth to weaning. Higher positive values indicate faster growth.

400 Day Weight EBV (expressed in kg liveweight).
The best estimate of the sire's genetic merit for growth to 400 days of age. Higher positive values indicate faster growth.

Muscle Depth EBV (expressed in mm)
Muscle and fat depth are measured by ultrasonic scanning. Selecting for this trait will increase the yield of lean meat in the carcase.

Fat Depth EBV (expressed in mm fat)
Indicates animals capable of producing leaner carcases or being taken to heavier carcase weights without becoming overfat. Negative values indicate leaner stock.

Beef Value (A sub-index)
The Beef Value ranks animals on their estimated overall genetic merit for growth and carcase traits.

200 Day Milk EBV (expressed in kg liveweight).
The maternal component of 200-day weight indicates how well a bull's daughters will perform when they become mothers and is greatly influenced by milking ability. This trait will is expressed by females, but both males and females carry the genes that will influence maternal performance.

Age at 1st Calving EBV
Herds looking to calve heifers at two years of age should identify bulls with superior (negative) EBVs for this trait. This will increase conception rates at first mating.

Longevity EBV
Predicts the length of an animal's breeding life in the herd.
  Positive values = longer breeding life

Calving Interval EBV
This EBV can be used to breed cows with short calving intervals that get in calf again quickly. Negative values = cows that get back in calf more quickly.

Maternal Value (A sub-index)
The economic value of an animal's genetic ability to produce productive breeding females

Maternal Production Value (A breeding index)
The economic value of an animal in terms of its genetic potential to produce females for breeding and animals with beef carcase characteristics

Calculated from the sub-indexes
* Calving Value
* Beef Value
* Maternal Value

Promising Young Stock - Bulls

Animal	Sire	Dam	Birth Date / Sex	Breed/ 16ths	Birth Weight	Calving Ease	Maternal Calving Ease	Gestation Length	Calving Value	200 Day Weight	400 Day Weight	Muscle Depth	Fat Depth	Beef Value	200 Day Milk	Age at 1st Calving	Longevity	Calving Interval	Maternal Value	Maternal Prod Value
UK 262875/300626 BLACK VEN	UK 286856/403054 BROADLANDS CAPTAIN 1ST	UK 262875/300542 BLACK VEN	31-12-2023 M	SU / 16	2.50 65	-1.20 55	0.10 24	1.10 45	0 55	47 71	86 67	6.10 62	0.40 38	49 70	1 37	-0.13 39	0.30 32	-0.50 25	19 33	30 46
UK 261028/103643 ELBRIDGE	UK 261028/303232 ELBRIDGE PREMIER 13TH	UK 261028/103265 ELBRIDGE	27-08-2023 M	SU / 16	2.80 53	-1.40 42	0.40 27	1.00 38	0 44	51 69	95 72	6.20 67	0.00 65	51 69	-2 40	-0.11 39	0.20 35	-1.10 28	14 35	22 49
UK 261028/303645 ELBRIDGE	UK 261028/303232 ELBRIDGE PREMIER 13TH	UK 261028/703327 ELBRIDGE	07-09-2023 M	SU / 15	2.60 54	-1.80 43	0.40 27	1.00 38	0 44	47 69	79 73	6.60 67	-0.20 65	47 69	-3 40	-0.07 39	0.20 35	-3.30 28	12 35	21 49
UK 261028/603648 ELBRIDGE	UK 261028/503038 ELBRIDGE MILORD 1ST	UK 261028/602024 ELBRIDGE	12-09-2023 M	SU / 12	1.70 58	-0.20 45	-0.80 27	0.10 33	2 45	40 72	77 75	5.30 69	0.00 66	45 72	3 43	-0.02 42	0.20 31	0.60 27	4 35	17 51
UK 261028/703649 ELBRIDGE	UK 261013/501797 GOLDSTONE POLL GENERAL 1ST	UK 261028/301979 ELBRIDGE PRINCESS 8TH	12-09-2023 M	SU / 15	2.40 57	-0.50 47	-0.10 31	1.50 36	1 46	28 72	65 75	3.80 69	0.10 67	39 72	4 46	-0.01 44	0.40 36	-0.80 32	13 39	17 53
UK 261028/503654 ELBRIDGE	UK 261028/503038 ELBRIDGE MILORD 1ST	UK 261028/102656 ELBRIDGE	17-09-2023 M	SU / 12	3.20 58	-1.90 45	-0.10 28	1.70 37	-1 45	48 71	80 74	8.20 68	-0.20 65	51 71	0 42	0.10 43	0.30 34	-7.10 29	6 37	23 51
UK 261028/203658 ELBRIDGE	UK 261028/503038 ELBRIDGE MILORD 1ST	UK 261028/702914 ELBRIDGE	18-09-2023 M	SU / 12	1.80 57	-0.30 44	0.20 25	0.50 36	2 44	34 71	65 74	4.60 68	-0.30 64	39 71	-3 40	-0.03 41	0.00 31	-2.00 28	3 35	12 50
UK 261028/703656 ELBRIDGE	UK 261028/703019 ELBRIDGE GLADIATOR 1ST	UK 261028/703096 ELBRIDGE	18-09-2023 M	SU / 13	1.70 58	0.20 46	0.50 24	0.30 38	2 46	36 71	78 74	4.10 68	0.10 65	45 71	0 40	-0.04 44	0.50 34	-1.30 29	15 37	25 51
UK 261028/603662 ELBRIDGE	UK 261028/303232 ELBRIDGE PREMIER 13TH	UK 261028/203294 ELBRIDGE	21-09-2023 M	SU / 14	1.70 52	-0.10 40	0.30 22	0.70 34	1 41	33 69	64 72	4.20 65	-0.30 63	38 68	0 36	-0.01 37	0.40 32	-1.50 23	10 32	17 47
UK 261028/203665 ELBRIDGE	UK 261028/703019 ELBRIDGE GLADIATOR 1ST	UK 261028/601996 ELBRIDGE	21-09-2023 M	SU / 13	1.30 58	-0.50 46	0.20 28	-0.10 36	2 46	36 72	73 75	4.30 69	-0.10 67	43 72	2 46	-0.09 41	0.70 35	1.30 29	20 37	26 52
UK 261028/403667 ELBRIDGE	UK 261028/503038 ELBRIDGE MILORD 1ST	UK 261028/302735 ELBRIDGE	22-09-2023 M	SU / 12	1.00 57	0.60 44	0.10 26	0.00 35	3 45	25 71	50 74	4.00 69	-0.10 66	34 71	-3 41	0.02 42	0.00 31	-3.00 27	-1 35	13 50
UK 261028/303673 ELBRIDGE	UK 261028/303232 ELBRIDGE PREMIER 13TH	UK 261028/303302 ELBRIDGE	24-09-2023 M	SU / 15	2.00 53	-0.40 42	0.50 25	0.30 36	2 43	45 69	90 72	4.90 66	-0.20 64	49 69	-1 38	-0.10 38	0.40 33	-0.10 26	16 33	22 48
UK 261028/703677 ELBRIDGE	UK 261028/703019 ELBRIDGE GLADIATOR 1ST	UK 261028/402925 ELBRIDGE	25-09-2023 M	SU / 11	1.60 57	-0.10 45	0.30 23	0.30 36	2 45	33 71	67 74	4.60 67	0.00 63	42 71	0 40	0.02 43	0.30 31	-1.60 27	6 35	17 50
UK 261028/103678 ELBRIDGE	UK 261028/503038 ELBRIDGE MILORD 1ST	UK 261028/503115 ELBRIDGE	26-09-2023 M	SU / 12	2.40 57	-0.60 43	0.00 25	0.60 35	1 44	46 70	85 73	6.70 67	0.00 64	51 70	-1 37	0.03 38	0.10 29	-4.70 25	5 32	22 48
UK 261028/103685 ELBRIDGE	UK 261013/501797 GOLDSTONE POLL GENERAL 1ST	UK 261028/203161 ELBRIDGE	29-09-2023 M	SU / 14	1.60 56	-0.40 45	-0.10 26	0.60 34	1 44	29 70	67 73	4.10 67	0.10 64	43 70	4 39	-0.03 43	0.50 33	1.20 29	13 36	23 50
UK 261028/603690 ELBRIDGE	UK 261028/703019 ELBRIDGE GLADIATOR 1ST	UK 261028/601989 ELBRIDGE	04-10-2023 M	SU / 14	1.80 58	-1.00 46	-0.20 28	0.20 36	1 46	43 72	85 75	5.10 69	0.10 67	49 72	4 46	-0.12 40	0.70 34	0.70 28	25 36	33 51

Promising Young Stock - Bulls

Animal	Sire	Dam	Birth Date / Sex	Breed/16ths	Birth Weight	Calving Ease	Maternal Calving Ease	Gestation Length	Calving Value	200 Day Weight	400 Day Weight	Muscle Depth	Fat Depth	Beef Value	200 Day Milk	Age at 1st Calving	Long-gevity	Calving Interval	Maternal Value	Maternal Prod Value
UK 261028/103692 ELBRIDGE	UK 261013/501797 GOLDSTONE POLL GENERAL 1ST	UK 261028/202818 ELBRIDGE	07-10-2023 M	SU / 15	1.40 57	0.00 45	-0.10 28	0.50 35	2 45	28 71	64 74	4.00 68	0.10 64	42 71	5 44	-0.03 44	0.50 34	-0.70 29	18 38	28 51
UK 261028/103699 ELBRIDGE	UK 261028/503038 ELBRIDGE MILORD 1ST	UK 261028/203154 ELBRIDGE	11-10-2023 M	SU / 12	2.80 57	-1.10 44	0.10 26	1.20 37	0 45	45 71	82 73	7.00 67	0.00 64	50 70	-2 38	0.01 41	0.10 32	-4.70 29	6 35	22 50
UK 261013/702387 GOLDSTONE	UK 261013/102017 GOLDSTONE POLL GENERAL 3RD	UK 261013/401376 GOLDSTONE POLL HEEDLESS 14T	29-07-2023 M	SU / 13	0.80 57	0.80 51	-0.20 33	0.10 35	3 48	22 73	56 69	3.10 66	0.10 54	38 71	5 44	-0.04 44	0.70 35	1.10 30	18 38	27 50
UK 261013/502392 GOLDSTONE	UK 261013/102017 GOLDSTONE POLL GENERAL 3RD	UK 261028/102397 ELBRIDGE COMMOTION 127	05-08-2023 M	SU / 15	1.10 59	-0.60 58	0.00 32	-0.20 36	1 52	31 73	63 69	3.80 66	0.10 55	40 71	4 44	-0.12 43	0.50 34	2.00 29	21 38	28 50
UK 261013/702394 GOLDSTONE	UK 261013/102017 GOLDSTONE POLL GENERAL 3RD	UK 261013/501713 GOLDSTONE	05-08-2023 M	SU / 13	1.30 57	0.00 57	0.20 29	0.20 34	2 51	30 71	65 67	3.70 65	0.00 54	40 69	3 39	-0.11 40	0.80 33	1.40 28	24 35	32 48
UK 261013/102402 GOLDSTONE	UK 261013/302061 GOLDSTONE POLL FORMIDABLE 3	UK 261013/301879 GOLDSTONE	09-08-2023 M	SU / 15	2.50 43	0.20 39	0.50 29	0.70 30	1 38	48 53	100 54	5.70 51	0.50 49	54 52	0 38	-0.06 38	0.50 33	-0.70 28	16 34	30 41
UK 261013/202403 GOLDSTONE	UK 261013/201808 GOLDSTONE POLL GENERAL 2ND	UK 261013/101289 GOLDSTONE POLL ESTHER 47	09-08-2023 M	SU / 13	2.10 56	-0.10 53	-0.20 34	1.00 39	1 50	33 62	76 62	4.90 60	0.10 55	47 62	6 46	0.00 45	0.60 37	-1.30 30	18 39	30 49
UK 261013/302404 GOLDSTONE	UK 261013/102017 GOLDSTONE POLL GENERAL 3RD	UK 261013/601161 GOLDSTONE POLL GAIETY 58TH	10-08-2023 M	SU / 15	0.00 56	1.00 58	-0.10 35	-1.10 38	4 52	22 62	52 61	2.50 58	0.20 52	35 62	4 45	-0.08 44	0.80 36	2.30 31	20 39	29 48
UK 261013/502406 GOLDSTONE	UK 261013/302061 GOLDSTONE POLL FORMIDABLE 3	UK 261013/501370 GOLDSTONE POLL DAWN 9TH	10-08-2023 M	SU / 14	1.90 53	-0.20 51	0.10 33	0.20 32	2 47	45 68	96 71	4.40 65	0.30 64	51 68	4 42	-0.14 41	0.80 34	-0.60 29	31 36	37 49
UK 261013/602407 GOLDSTONE	UK 261013/102017 GOLDSTONE POLL GENERAL 3RD	UK 261013/201682 GOLDSTONE	10-08-2023 M	SU / 15	1.20 52	0.10 45	-0.10 26	0.10 32	2 43	32 69	64 71	4.70 66	0.30 65	42 69	3 35	-0.05 38	0.40 29	1.50 25	12 32	26 48
UK 261013/102409 GOLDSTONE	UK 261013/102017 GOLDSTONE POLL GENERAL 3RD	UK 261013/501720 GOLDSTONE	11-08-2023 M	SU / 14	-0.30 54	0.80 49	0.10 28	-0.50 33	3 46	6 69	20 72	1.30 62	0.20 53	21 68	1 38	-0.05 39	0.50 33	0.40 28	13 35	22 48
UK 261013/602414 GOLDSTONE	UK 261013/302061 GOLDSTONE POLL FORMIDABLE 3	UK 261013/101163 GOLDSTONE SNOWDROP 215TH	12-08-2023 M	SU / 14	2.10 47	-0.10 44	-0.10 34	0.40 33	2 42	42 55	90 55	4.80 52	0.40 47	50 55	4 42	-0.07 39	0.50 34	-0.70 29	20 36	29 43
UK 261013/202431 GOLDSTONE	UK 261013/201808 GOLDSTONE POLL GENERAL 2ND	UK 261013/101492 GOLDSTONE POLL SNOWDROP 197	19-08-2023 M	SU / 13	2.10 53	-0.30 52	0.00 32	0.80 37	1 48	37 61	82 59	4.80 59	0.30 56	48 60	5 44	-0.07 43	0.60 35	-0.20 29	22 38	33 47
UK 261013/702436 GOLDSTONE	UK 261013/502007 GOLDSTONE POLL GLADIATOR 5T	UK 261013/401726 GOLDSTONE	22-08-2023 M	SU / 14	1.30 48	0.50 47	0.50 30	-0.30 31	3 44	40 58	87 58	4.40 56	0.10 53	49 58	0 39	-0.13 37	0.50 33	1.00 28	20 34	30 44
UK 261013/202438 GOLDSTONE	UK 261013/201808 GOLDSTONE POLL GENERAL 2ND	UK 261013/501902 GOLDSTONE	23-08-2023 M	SU / 14	2.10 51	-0.30 49	0.00 26	1.20 35	1 45	32 60	73 59	4.10 58	0.10 54	43 59	5 38	-0.06 43	0.70 33	-0.90 28	24 35	32 45
UK 261013/402447 GOLDSTONE	UK 261013/502007 GOLDSTONE POLL GLADIATOR 5T	UK 261013/201605 GOLDSTONE POLL ESTHER 63	28-08-2023 M	SU / 15	1.10 50	0.80 48	0.30 30	-0.10 33	3 45	32 58	73 58	4.50 55	-0.10 49	46 58	1 39	-0.05 41	0.70 32	0.20 28	17 35	32 44

Promising Young Stock - Bulls

Animal	Sire	Dam	Birth Date / Sex	Breed/ 16ths	Birth Weight	Calving Ease	Maternal Calving Ease	Gestation Length	Calving Value	200 Day Weight	400 Day Weight	Muscle Depth	Fat Depth	Beef Value	200 Day Milk	Age at 1st Calving	Longevity	Calving Interval	Maternal Value	Maternal Prod Value
UK 261013/502448 GOLDSTONE	UK 261013/502007 GOLDSTONE POLL GLADIATOR 5T	UK 261013/401586 GOLDSTONE POLL ESTHER 33	28-08-2023 M	SU / 15	0.90 51	0.60 49	0.50 32	-0.70 33	3 45	36 59	76 58	3.80 56	0.10 50	43 58	-1 41	-0.07 41	0.70 33	-1.40 29	19 36	28 45
UK 261013/402454 GOLDSTONE	UK 261013/302061 GOLDSTONE POLL FORMIDABLE 3	UK 261013/201353 GOLDSTONE	02-09-2023 M	SU / 13	1.90 47	0.60 42	0.10 33	0.20 33	3 41	43 55	95 55	5.30 53	0.70 51	53 55	3 42	-0.04 37	0.50 32	-0.80 28	17 35	33 43
UK 261013/502462 GOLDSTONE	UK 261013/502007 GOLDSTONE POLL GLADIATOR 5T	UK 261013/701715 GOLDSTONE	15-10-2023 M	SU / 14	0.70 54	0.90 50	0.30 31	-0.50 32	3 46	28 72	67 68	2.90 65	0.00 54	40 69	1 41	-0.08 38	0.70 33	-1.70 29	23 35	30 48
UK 260841/701084 HOLM PLACE	UK 260841/300989 HOLM PLACE	UK 260841/700853 HOLM PLACE	31-07-2023 M	SU / 14	1.90 52	-2.30 50	-0.10 31	0.80 32	0 45	33 71	60 72	4.40 63	0.50 50	38 68	-1 44	-0.07 36	0.50 31	-0.30 26	12 34	20 46
UK 260841/501096 HOLM PLACE	UK 260841/300989 HOLM PLACE	UK 260841/600901 HOLM PLACE	12-08-2023 M	SU / 14	1.40 54	-1.00 53	0.10 34	0.20 34	1 48	33 71	61 73	4.70 63	0.70 51	40 69	-1 46	-0.06 41	0.60 33	-1.20 27	15 36	29 49
UK 262667/300931 OFFHAM	UK 262875/300444 BLACK VEN DESPOT 5TH	UK 262667/600710 OFFHAM GAIETY 52ND	11-06-2023 M	SU / 14	2.70 69	-0.70 57	0.20 33	1.30 52	0 60	47 74	84 70	7.90 72	0.10 67	54 74	0 45	-0.04 45	0.20 35	1.50 29	5 39	26 53
UK 262667/400932 OFFHAM	UK 262667/400708 OFFHAM POLL CRUSADER 2ND	UK 262667/400624 OFFHAM POLL DAISY 3RD	16-06-2023 M	SU / 15	1.60 69	-0.40 58	0.00 37	1.00 51	1 59	24 75	47 70	4.90 73	0.40 69	36 75	2 48	-0.01 45	0.60 37	-2.60 31	16 40	33 54
UK 260343/400736 TROTTENDEN	UK 263412/200992 PETWORTH REGENT 11TH	UK 260343/200468 TROTTENDEN	31-01-2024 M	SU / 16	1.30 59	-0.50 53	-0.60 30	0.40 43	1 52	28 74	62 71	3.00 69	-0.10 60	39 72	6 53	-0.07 48	0.50 39	2.10 29	16 41	19 53
UK 260343/500744 TROTTENDEN	UK 260855/500515 BOXTED ASTRONOMER 1ST	UK 260343/600444 TROTTENDEN	15-02-2024 M	SU / 15	2.70 57	-0.30 50	0.00 33	0.80 36	1 47	53 74	106 70	7.60 68	0.40 59	61 71	3 48	-0.04 41	0.40 36	-1.20 29	16 38	37 51