



COLORADO GOLF ASSOCIATION

Hello,

We want to thank you for the many courtesies extended to the Colorado Golf Association's Rating Team at your facility in 2023. With your help, the CGA was able to safely complete the work necessary to provide updated course ratings during this past season.

These ratings will take effect December 31, 2023 and will be active for another 8 years. If you are using the USGA Tournament Management (TM) software provided by Golf Genius, you will need to log in and go to the **Customer Settings/Course Details** to update the tees in the software after the tees are published.

Enclosed are:

- ❖ Official Men's and Women's Course Rating Charts
- ❖ Course Handicap conversion tables
- ❖ Predicted Score Report
- ❖ Pace of Play Reports
- ❖ How Courses are Rated and the Effect of Course Management and Maintenance on Course Rating

Please post the Course Rating charts in a place that is easily accessible by your members and guests for reference. The Predicted Score charts are for you to show your members what their expected score would be on the identified tee, depending on their Course Handicap. It also demonstrates "Slope" in a graphical form that is easy to understand. If you need Predicted Score charts for other tees, please let us know.

One of the goals of the Colorado Golf Association is to educate club representatives on the Course Rating process. We believe it would be beneficial if you shared this information with your Superintendent, Handicap Chairmen, Club Presidents and any other interested parties at the club.

If you have any questions or concerns surrounding the rating factors, please feel to contact the Colorado Golf Association.

- Aaron Guereca
Managing Director, Club and Facility Services



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Course Handicap Table

Colorado

Yampa Valley Golf Course

Men's - Blue

Course Rating™: 70.2 - Slope Rating®: 130 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +5.0	+8	23.8 to 24.5	26
+4.9 to +4.1	+7	24.6 to 25.4	27
+4.0 to +3.3	+6	25.5 to 26.3	28
+3.2 to +2.4	+5	26.4 to 27.2	29
+2.3 to +1.5	+4	27.3 to 28.0	30
+1.4 to +0.7	+3	28.1 to 28.9	31
+0.6 to 0.2	+2	29.0 to 29.8	32
0.3 to 1.1	+1	29.9 to 30.6	33
1.2 to 1.9	0	30.7 to 31.5	34
2.0 to 2.8	1	31.6 to 32.4	35
2.9 to 3.7	2	32.5 to 33.2	36
3.8 to 4.6	3	33.3 to 34.1	37
4.7 to 5.4	4	34.2 to 35.0	38
5.5 to 6.3	5	35.1 to 35.8	39
6.4 to 7.2	6	35.9 to 36.7	40
7.3 to 8.0	7	36.8 to 37.6	41
8.1 to 8.9	8	37.7 to 38.5	42
9.0 to 9.8	9	38.6 to 39.3	43
9.9 to 10.6	10	39.4 to 40.2	44
10.7 to 11.5	11	40.3 to 41.1	45
11.6 to 12.4	12	41.2 to 41.9	46
12.5 to 13.2	13	42.0 to 42.8	47
13.3 to 14.1	14	42.9 to 43.7	48
14.2 to 15.0	15	43.8 to 44.5	49
15.1 to 15.9	16	44.6 to 45.4	50
16.0 to 16.7	17	45.5 to 46.3	51
16.8 to 17.6	18	46.4 to 47.1	52
17.7 to 18.5	19	47.2 to 48.0	53
18.6 to 19.3	20	48.1 to 48.9	54
19.4 to 20.2	21	49.0 to 49.8	55
20.3 to 21.1	22	49.9 to 50.6	56
21.2 to 21.9	23	50.7 to 51.5	57
22.0 to 22.8	24	51.6 to 52.4	58
22.9 to 23.7	25	52.5 to 53.2	59
		53.3 to 54.0	60

INSTRUCTIONS

* When using the table, find the range containing your Handicap Index® in the left column. Play with the Course Handicap™ which corresponds with it in the right column.

* Please make sure that the tees from which you are playing correspond with the tees for which this table applies.

Course Handicap Table

Colorado

Yampa Valley Golf Course

Men's - White

Course Rating™: 68.1 - Slope Rating®: 117 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +4.5	+9	24.6 to 25.4	22
+4.4 to +3.5	+8	25.5 to 26.4	23
+3.4 to +2.6	+7	26.5 to 27.4	24
+2.5 to +1.6	+6	27.5 to 28.3	25
+1.5 to +0.6	+5	28.4 to 29.3	26
+0.5 to 0.3	+4	29.4 to 30.3	27
0.4 to 1.3	+3	30.4 to 31.2	28
1.4 to 2.3	+2	31.3 to 32.2	29
2.4 to 3.2	+1	32.3 to 33.2	30
3.3 to 4.2	0	33.3 to 34.1	31
4.3 to 5.2	1	34.2 to 35.1	32
5.3 to 6.1	2	35.2 to 36.1	33
6.2 to 7.1	3	36.2 to 37.0	34
7.2 to 8.1	4	37.1 to 38.0	35
8.2 to 9.0	5	38.1 to 39.0	36
9.1 to 10.0	6	39.1 to 39.9	37
10.1 to 11.0	7	40.0 to 40.9	38
11.1 to 11.9	8	41.0 to 41.9	39
12.0 to 12.9	9	42.0 to 42.8	40
13.0 to 13.9	10	42.9 to 43.8	41
14.0 to 14.8	11	43.9 to 44.8	42
14.9 to 15.8	12	44.9 to 45.7	43
15.9 to 16.8	13	45.8 to 46.7	44
16.9 to 17.7	14	46.8 to 47.7	45
17.8 to 18.7	15	47.8 to 48.6	46
18.8 to 19.7	16	48.7 to 49.6	47
19.8 to 20.6	17	49.7 to 50.6	48
20.7 to 21.6	18	50.7 to 51.5	49
21.7 to 22.5	19	51.6 to 52.5	50
22.6 to 23.5	20	52.6 to 53.5	51
23.6 to 24.5	21	53.6 to 54.0	52

INSTRUCTIONS

* When using the table, find the range containing your Handicap Index® in the left column. Play with the Course Handicap™ which corresponds with it in the right column.

* Please make sure that the tees from which you are playing correspond with the tees for which this table applies.

Course Handicap Table

Colorado
Yampa Valley Golf Course
Men's - Gold

Course Rating™: 65.7 - Slope Rating®: 108 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +4.4	+11	23.9 to 24.9	17
+4.3 to +3.4	+10	25.0 to 25.9	18
+3.3 to +2.4	+9	26.0 to 26.9	19
+2.3 to +1.3	+8	27.0 to 28.0	20
+1.2 to +0.3	+7	28.1 to 29.0	21
+0.2 to 0.8	+6	29.1 to 30.1	22
0.9 to 1.8	+5	30.2 to 31.1	23
1.9 to 2.9	+4	31.2 to 32.2	24
3.0 to 3.9	+3	32.3 to 33.2	25
4.0 to 5.0	+2	33.3 to 34.3	26
5.1 to 6.0	+1	34.4 to 35.3	27
6.1 to 7.1	0	35.4 to 36.4	28
7.2 to 8.1	1	36.5 to 37.4	29
8.2 to 9.2	2	37.5 to 38.5	30
9.3 to 10.2	3	38.6 to 39.5	31
10.3 to 11.2	4	39.6 to 40.5	32
11.3 to 12.3	5	40.6 to 41.6	33
12.4 to 13.3	6	41.7 to 42.6	34
13.4 to 14.4	7	42.7 to 43.7	35
14.5 to 15.4	8	43.8 to 44.7	36
15.5 to 16.5	9	44.8 to 45.8	37
16.6 to 17.5	10	45.9 to 46.8	38
17.6 to 18.6	11	46.9 to 47.9	39
18.7 to 19.6	12	48.0 to 48.9	40
19.7 to 20.7	13	49.0 to 50.0	41
20.8 to 21.7	14	50.1 to 51.0	42
21.8 to 22.8	15	51.1 to 52.1	43
22.9 to 23.8	16	52.2 to 53.1	44
		53.2 to 54.0	45

INSTRUCTIONS

* When using the table, find the range containing your Handicap Index® in the left column. Play with the Course Handicap™ which corresponds with it in the right column.

* Please make sure that the tees from which you are playing correspond with the tees for which this table applies.

Course Handicap Table

Colorado

Yampa Valley Golf Course

Men's - Red

Course Rating™: 63.6 - Slope Rating®: 104 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +4.5	+13	23.8 to 24.8	14
+4.4 to +3.4	+12	24.9 to 25.9	15
+3.3 to +2.3	+11	26.0 to 27.0	16
+2.2 to +1.2	+10	27.1 to 28.1	17
+1.1 to +0.2	+9	28.2 to 29.2	18
+0.1 to 0.9	+8	29.3 to 30.3	19
1.0 to 2.0	+7	30.4 to 31.4	20
2.1 to 3.1	+6	31.5 to 32.4	21
3.2 to 4.2	+5	32.5 to 33.5	22
4.3 to 5.3	+4	33.6 to 34.6	23
5.4 to 6.4	+3	34.7 to 35.7	24
6.5 to 7.4	+2	35.8 to 36.8	25
7.5 to 8.5	+1	36.9 to 37.9	26
8.6 to 9.6	0	38.0 to 39.0	27
9.7 to 10.7	1	39.1 to 40.0	28
10.8 to 11.8	2	40.1 to 41.1	29
11.9 to 12.9	3	41.2 to 42.2	30
13.0 to 14.0	4	42.3 to 43.3	31
14.1 to 15.1	5	43.4 to 44.4	32
15.2 to 16.1	6	44.5 to 45.5	33
16.2 to 17.2	7	45.6 to 46.6	34
17.3 to 18.3	8	46.7 to 47.6	35
18.4 to 19.4	9	47.7 to 48.7	36
19.5 to 20.5	10	48.8 to 49.8	37
20.6 to 21.6	11	49.9 to 50.9	38
21.7 to 22.7	12	51.0 to 52.0	39
22.8 to 23.7	13	52.1 to 53.1	40
		53.2 to 54.0	41

INSTRUCTIONS

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* Please make sure that the tees from which you are playing correspond with the tees for which this table applies.

Course Handicap Table

Colorado
Yampa Valley Golf Course
Women's - White

Course Rating™: 73.9 - Slope Rating®: 135 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +4.6	+4	24.0 to 24.7	31
+4.5 to +3.7	+3	24.8 to 25.6	32
+3.6 to +2.9	+2	25.7 to 26.4	33
+2.8 to +2.1	+1	26.5 to 27.2	34
+2.0 to +1.2	0	27.3 to 28.1	35
+1.1 to +0.4	1	28.2 to 28.9	36
+0.3 to 0.5	2	29.0 to 29.7	37
0.6 to 1.3	3	29.8 to 30.6	38
1.4 to 2.1	4	30.7 to 31.4	39
2.2 to 3.0	5	31.5 to 32.3	40
3.1 to 3.8	6	32.4 to 33.1	41
3.9 to 4.6	7	33.2 to 33.9	42
4.7 to 5.5	8	34.0 to 34.8	43
5.6 to 6.3	9	34.9 to 35.6	44
6.4 to 7.1	10	35.7 to 36.4	45
7.2 to 8.0	11	36.5 to 37.3	46
8.1 to 8.8	12	37.4 to 38.1	47
8.9 to 9.7	13	38.2 to 39.0	48
9.8 to 10.5	14	39.1 to 39.8	49
10.6 to 11.3	15	39.9 to 40.6	50
11.4 to 12.2	16	40.7 to 41.5	51
12.3 to 13.0	17	41.6 to 42.3	52
13.1 to 13.8	18	42.4 to 43.1	53
13.9 to 14.7	19	43.2 to 44.0	54
14.8 to 15.5	20	44.1 to 44.8	55
15.6 to 16.4	21	44.9 to 45.7	56
16.5 to 17.2	22	45.8 to 46.5	57
17.3 to 18.0	23	46.6 to 47.3	58
18.1 to 18.9	24	47.4 to 48.2	59
19.0 to 19.7	25	48.3 to 49.0	60
19.8 to 20.5	26	49.1 to 49.8	61
20.6 to 21.4	27	49.9 to 50.7	62
21.5 to 22.2	28	50.8 to 51.5	63
22.3 to 23.1	29	51.6 to 52.3	64
23.2 to 23.9	30	52.4 to 53.2	65
		53.3 to 54.0	66

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* Please make sure that the tees from which you are playing correspond with the tees for which this table applies.

Course Handicap Table

Colorado

Yampa Valley Golf Course

Women's - Gold

Course Rating™: 70.5 - Slope Rating®: 124 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +4.6	+7	24.7 to 25.5	26
+4.5 to +3.7	+6	25.6 to 26.4	27
+3.6 to +2.8	+5	26.5 to 27.3	28
+2.7 to +1.9	+4	27.4 to 28.2	29
+1.8 to +1.0	+3	28.3 to 29.1	30
+0.9 to +0.1	+2	29.2 to 30.0	31
0.0 to 0.9	+1	30.1 to 30.9	32
1.0 to 1.8	0	31.0 to 31.8	33
1.9 to 2.7	1	31.9 to 32.8	34
2.8 to 3.6	2	32.9 to 33.7	35
3.7 to 4.5	3	33.8 to 34.6	36
4.6 to 5.4	4	34.7 to 35.5	37
5.5 to 6.3	5	35.6 to 36.4	38
6.4 to 7.2	6	36.5 to 37.3	39
7.3 to 8.2	7	37.4 to 38.2	40
8.3 to 9.1	8	38.3 to 39.1	41
9.2 to 10.0	9	39.2 to 40.0	42
10.1 to 10.9	10	40.1 to 41.0	43
11.0 to 11.8	11	41.1 to 41.9	44
11.9 to 12.7	12	42.0 to 42.8	45
12.8 to 13.6	13	42.9 to 43.7	46
13.7 to 14.5	14	43.8 to 44.6	47
14.6 to 15.4	15	44.7 to 45.5	48
15.5 to 16.4	16	45.6 to 46.4	49
16.5 to 17.3	17	46.5 to 47.3	50
17.4 to 18.2	18	47.4 to 48.2	51
18.3 to 19.1	19	48.3 to 49.2	52
19.2 to 20.0	20	49.3 to 50.1	53
20.1 to 20.9	21	50.2 to 51.0	54
21.0 to 21.8	22	51.1 to 51.9	55
21.9 to 22.7	23	52.0 to 52.8	56
22.8 to 23.6	24	52.9 to 53.7	57
23.7 to 24.6	25	53.8 to 54.0	58

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Course Handicap Table

Colorado

Yampa Valley Golf Course

Women's - Red

Course Rating™: 68.3 - Slope Rating®: 120 - Par: 72

Handicap Index®	Course Handicap™	Handicap Index®	Course Handicap™
+5.0 to +4.6	+9	24.7 to 25.6	23
+4.5 to +3.6	+8	25.7 to 26.5	24
+3.5 to +2.7	+7	26.6 to 27.4	25
+2.6 to +1.7	+6	27.5 to 28.4	26
+1.6 to +0.8	+5	28.5 to 29.3	27
+0.7 to 0.1	+4	29.4 to 30.3	28
0.2 to 1.1	+3	30.4 to 31.2	29
1.2 to 2.0	+2	31.3 to 32.2	30
2.1 to 3.0	+1	32.3 to 33.1	31
3.1 to 3.9	0	33.2 to 34.0	32
4.0 to 4.8	1	34.1 to 35.0	33
4.9 to 5.8	2	35.1 to 35.9	34
5.9 to 6.7	3	36.0 to 36.9	35
6.8 to 7.7	4	37.0 to 37.8	36
7.8 to 8.6	5	37.9 to 38.7	37
8.7 to 9.6	6	38.8 to 39.7	38
9.7 to 10.5	7	39.8 to 40.6	39
10.6 to 11.4	8	40.7 to 41.6	40
11.5 to 12.4	9	41.7 to 42.5	41
12.5 to 13.3	10	42.6 to 43.5	42
13.4 to 14.3	11	43.6 to 44.4	43
14.4 to 15.2	12	44.5 to 45.3	44
15.3 to 16.1	13	45.4 to 46.3	45
16.2 to 17.1	14	46.4 to 47.2	46
17.2 to 18.0	15	47.3 to 48.2	47
18.1 to 19.0	16	48.3 to 49.1	48
19.1 to 19.9	17	49.2 to 50.0	49
20.0 to 20.9	18	50.1 to 51.0	50
21.0 to 21.8	19	51.1 to 51.9	51
21.9 to 22.7	20	52.0 to 52.9	52
22.8 to 23.7	21	53.0 to 53.8	53
23.8 to 24.6	22	53.9 to 54.0	54

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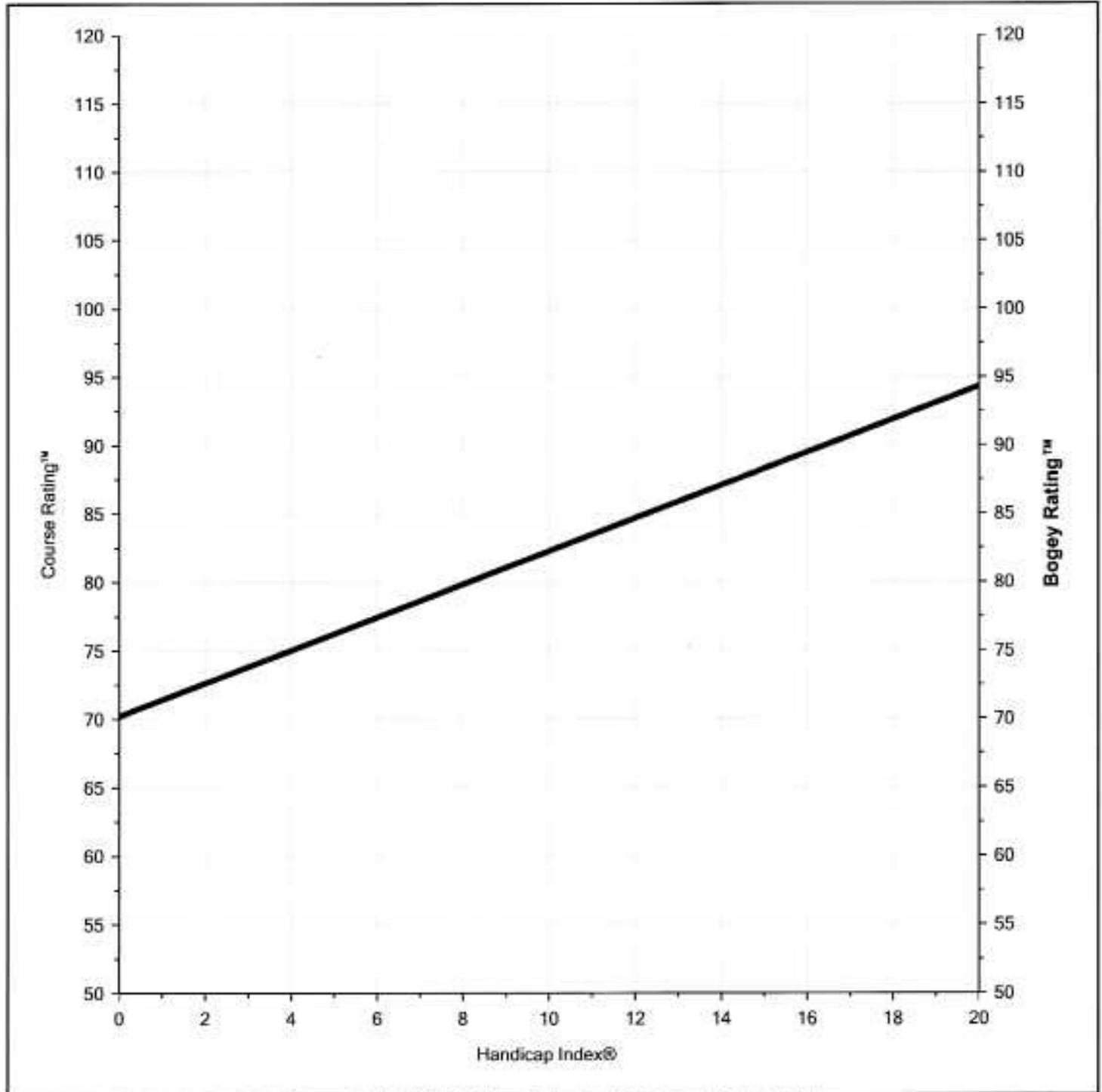
* Please make sure that the tees from which you are playing correspond with the tees for which this table applies.



Issued By: Colorado

Yampa Valley Golf Course

Men's - Blue

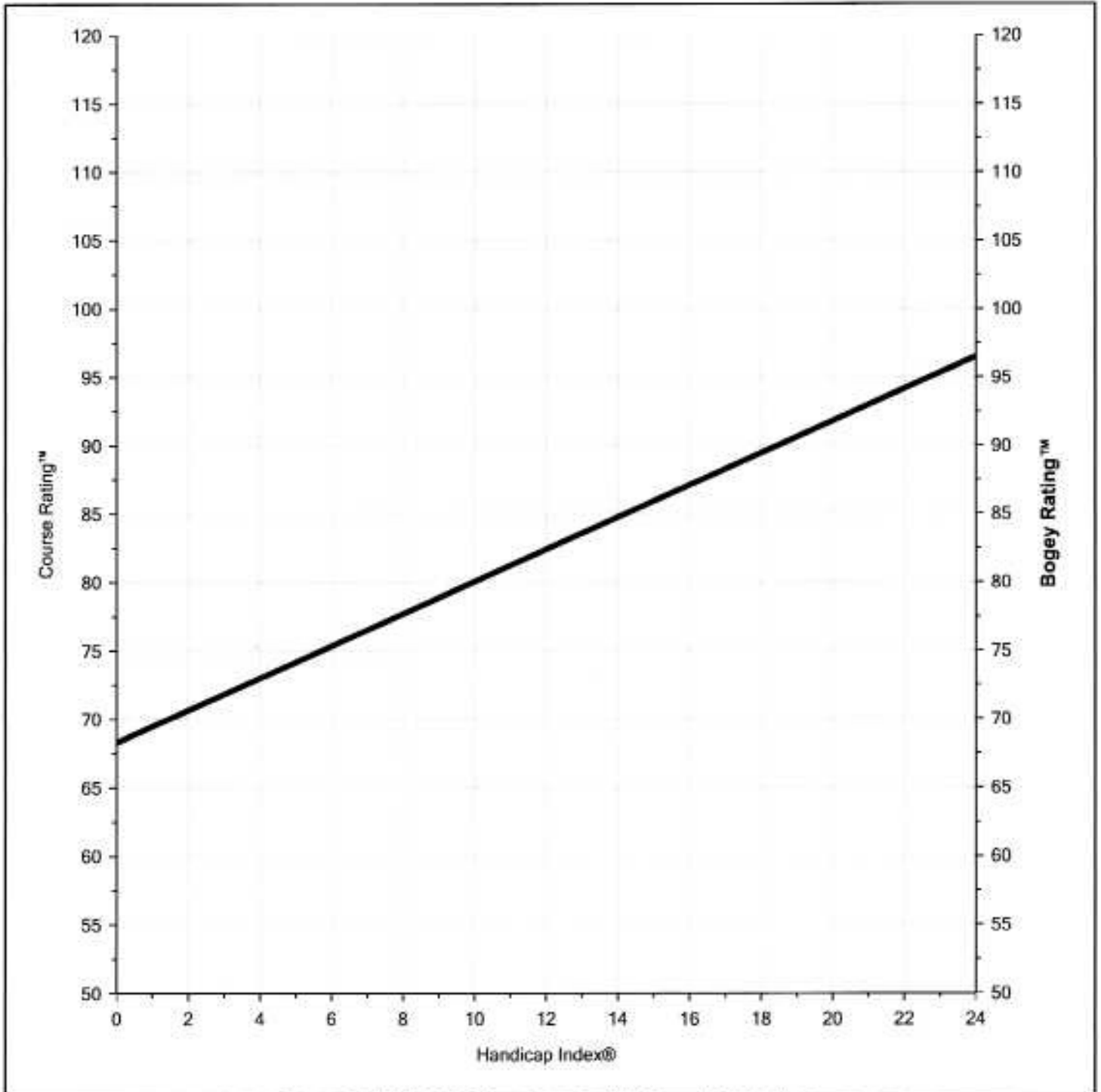


Course Rating™: 70.2 - Slope Rating®: 130 - Bogey Rating™: 94.3

Issued By: Colorado

Yampa Valley Golf Course

Women's - Red



Course Rating™: 68.3 - Slope Rating®: 120 - Bogey Rating™: 96.5

Pace Rating



Issued By: Colorado
 Yampa Valley Golf Course
 Men's - Blue

Hole	Time Par (min.)	Hole	Time Par (min.)
1	18	10	14
2	14	11	10
3	12	12	14
4	10	13	15
5	14	14	15
6	18	15	17
7	9	16	10
8	13	17	15
9	15	18	19

Front Nine:

Back Nine:

PACE RATING TOTAL TIME

Hours

Minutes

Pace Rating



Issued By: Colorado
Yampa Valley Golf Course
Women's - Red

Hole	Time Par (min.)	Hole	Time Par (min.)
1	16	10	12
2	13	11	7
3	10	12	12
4	8	13	13
5	12	14	12
6	16	15	14
7	8	16	8
8	12	17	12
9	12	18	16

Front Nine:

Back Nine:

PACE RATING TOTAL TIME

Hours

Minutes



How is a Golf Course Rated?

How is a course rated? First, each hole must be accurately measured from tee to green along the intended line of play. Then a team of trained and experienced raters visits the course with USGA Course Rating Guides and starts the evaluation. 15 different factors are calculated for each tee on each hole from the point of view of a “**scratch player**” (zero handicap) and a “**bogey player**” (a 20-handicap man or 24-handicap woman). The team knows how far the “scratch” and “bogey” players hit tee shots, their maximum second shot lengths, and accuracy patterns for shots of various lengths to the greens. Course Raters refer to tables in the USGA Course Rating Guide to determine the proper values for each factor. They compare observations and develop a team consensus for each factor. For 18 holes, that’s over 500 separate evaluations!

Five of the 15 factors refine the measured yardage and use information about **roll, elevation changes from tee to green, wind, doglegs, forced lay-ups and altitude above sea level** to generate “effective playing length” corrections to the measured yardages. The remaining 10 factors are physical attributes commonly found on most golf courses. A portion of the 10 factors measure of the difficulty of the playing areas, including fairway widths, green sizes, and putting surface speeds. The remaining 10 factors evaluate obstacles the players try to avoid, such as penalty areas, trees, bunkers, and out of bounds. After all information is gathered, these 10 factors are assigned values from zero to 10 (zero doesn’t exist; 3, 4, or 5 is about average; 10 is extreme) which are weighted and eventually converted to “obstacle strokes.” The team recognizes that the bogey player gets into trouble on a golf course more often and has greater difficulty recovering than a scratch player. In all, the course rating team spends three, four or even five hours on the course. After rating the course, it is recommended that the rating team play the course for greater insight. Playing the course after a course rating allows the raters to reevaluate the obstacles, especially green targets, the rough and putting surfaces.

When completed, a course rating generates two ratings, the **Course Rating** and the **Bogey Rating**. Course Ratings are typically in the high 60’s and low 70’s. Bogey Ratings range from the high 80’s to the low 100’s.

The **Slope Rating** is determined by the difference between the Scratch Rating and the Bogey Rating. On a plot of expected score versus handicap, these two points determine a straight-line which angles upward from the scratch player’s expected score, the Course Rating, and Bogey Ratings for women, 24 handicap, and men, 20 handicap. The line represents the expected score for players of all abilities between the scratch and bogey players and when extended in both directions the line shows predicted scores for other playing abilities.

The **Slope Rating is only a measure of the relative difficulty** of the golf course. By itself, Slope does not tell how hard it is to score well on a golf course. Both the Course Rating and Slope Rating are required to accurately describe a course as “easy” or “tough.”

Effects of Tee Marker Placement on Course Ratings

The USGA Handicap Index is dependent on the placement of the movable tee markers on your course. Below are some excerpts from the USGA Course Rating Manual that we hope will explain how proper placement of tee markers is imperative.

“Yardage is the predominant factor in determining a USGA Course Rating. Accurate measurements are essential. Measurements are along the designed line of play, not the line a scratch golfer would likely play the hole. Yardages on the score card should reflect the measured playing length of the course as provided by your local golf association. Permanent

markers are to reflect an average placement of the movable tee markers over time. Permanent marker placement is more likely to have a greater impact on ratings than green speed, height of rough and other course maintenance practices. "

"Adding 93 yards for men or 85 yards for women increases the Slope Rating by 1. Shortening the course reduces the Slope Rating similarly."

"If a single tee pad is designated for one set of tees, placement of permanent markers at a point opposite the center of the teeing area is appropriate. This maximizes the ability of the golf course to use the entire teeing area and gives the best chance of reflecting an average of the movable marker placement over time."

"If a single tee is split between two alternating tee pads, the course should notify the rating team and they will arrive at an average between the two tee pads, based on discussions with the superintendent or golf professional."

"When a single tee pad has more than one set of tees, consider the percentage of a club's existing or anticipated play from each set of tees when determining permanent marker placement."

Effects of Course Management on Course Ratings

A golf course's rating is based on its measured length and playing difficulty under normal conditions. If the length or playing difficulty changes significantly, handicaps will be impacted. Placement of tee markers and hole locations must be balanced each day and maintenance should be consistent for USGA Course Ratings to remain accurate. Here are some examples that show how changes in course management practices, course set-up practices and minor construction projects could impact a golf course's Course Rating and Slope and players' handicaps.

Changes to Effective Playing Length

1. **Tee Placement**. The easiest and most obvious way to increase or decrease effective playing length is to move all the tee markers behind or ahead of the yardage markers that were used to determine the golf course's effective playing length.
2. **Obstacles**. Adding obstacles that force a scratch player to lay up short of the average tee shot increase the effective playing length and increase the Course Rating. Removing obstacles so the scratch player can hit a full tee shot decreases the effective playing length and decreases the Course Rating.
3. **Fairway Roll**. Softening fairways increases effective playing length; hardening them decreases effective playing length.

Changes to obstacles and playing surfaces that impact Course Rating and Slope

1. **Fairway**. Changing mowing patterns to increase or decrease fairway widths.
2. **Recoverability and Rough**. Raising/lowering mower blades to increase or decrease rough height.
3. **Lateral Obstacles/Out of Bounds**. Moving out of bounds stakes or native grasses closer to fairway landing areas.
4. **Crossing Obstacles**. Crossing over obstacles (i.e. native grasses, etc.) make it harder for the golfer to reach the fairway.
5. **Bunkers**. Adding bunkers in strategic places locations as near the tee shot landing zones or adjacent to greens.
6. **Green Target**. A reduction in the irrigation water applied to greens will change green surfaces from "soft" to "hard" thus changing the holding properties of the greens.
7. **Green Surface**. Lower mower cutting heights on greens will increase stimpmeter measurement.

As identified above, it is imperative that the course set-up and maintenance practices remain similar to the conditions that existed when the golf course was rated.