

FOX VALLEY ANGLERS (FVA)

Tournament Rules 2026

Article 1 – Tournament Committee

Section 1. Organization and Purpose of the FVA

Sub-section (a): Tournament Committee members shall be appointed by the incoming elected Tournament Director (TD) and serve for a period of one year beginning October club meeting and concluding after the last tournament of the 2023 season.

Sub-section (b): Tournament Committee under the direction of the tournament director shall be responsible for establishing the schedule of tournament events for the next year. This schedule should be completed and presented to the club members no later than February 28.

Sub-section (c): The Tournament Committee will annually review the organizations tournament rules and state regulations specific to the waters and fisheries to be fished during club events. The Tournament Committee will upon completion of such review amend, update, change, or otherwise modify the organization tournament rules, as the Tournament Committee considers appropriate to be in full compliance with state, county and local ordinances. The Tournament Committee and Tournament Director will approve changes to the FVA Tournament Rules. Tournament Rules are not subject to open voting by membership at large.

Sub-section (d): The newly elected President is granted a consultation and advisory role with the Tournament Committee, however the President is not a voting member of the Tournament Committee unless either there is a tie, or the Presidents vote is necessary for a quorum to be present.

Sub-section (e): Members of the Tournament Committee will assist the Tournament Director at each event as requested. The Tournament Director may appoint someone from the Tournament Committee to assume the Tournament Directors responsibilities in the event the Tournament Director is unable to attend or training other Tournament Committee members.

Sub-section (f): **Weather Safety Plan**-Weather safety considerations are evaluated for every tournament. The following is the weather considerations that may postpone, delay, or cancel a tournament:

- Lightning-No fishing during lightning storms, participants must take cover in a permanent structure or vehicle. Tournament committee will contact each participant or pair by phone. The tournament director will monitor weather radar.
- Wind-Winds over 20mph will postpone, cancel, or restrict the tournament to a sheltered bay. The TD will make the decision and may consult the tournament committee.
- High Temperatures-When temperatures are in or expected to be in the high 90's. The tournament director may alter the tournament hours to avoid the excessive heat.
- Heavy Rain-The TD may postpone or delay a tournament until conditions are safe.

Article 2 – Entry and Registration

Section 1. Tournament Registration and Fees of the FVA

Sub-section (a): Tournament entry, fishermen must notify the Tournament Director and/or Treasurer Wednesday before the event. Notification may be by phone, text or email. All fees must be submitted before draw of the event.

Sub-section (b): Do not send cash through the mail. Fees will be accepted the day of the tournament, however, it is recommended that entry fees be paid as follows:

1. At the regular monthly meeting prior to the tournament;
2. At the conclusion of the previous tournament event;
3. On the club web site.

Sub-section (c): Entry fee per tournament will be fifty dollars (\$50.00) for a one day tournament and sixty dollars (\$60.00) for two day tournaments. Entry for the End of the Season Classic is seventy five dollars (\$75.00).

An amount of eleven dollars (\$11.00) will be subtracted from each entry fee and will be split as follows: With exception of the classic tournament where there will be no deduction all funds goes toward the event payout.

1. \$3.00 will be deposited to the classic fund; and
2. \$3.00 will be deposited to the year-end AOY point pay out; and
3. \$5.00 will be deposited to the club general fund, annual banquet and plaque expenses.

All remaining funds will be dispersed for that specific events place money payout.

Sub-section (d): Cancellations must be received by the Tournament Director no later than 7:00PM the Wednesday night prior to the tournament or the pre-determined draw. If members do not cancel by the evening of the boat pairings (drawings), a no show at the launch will result in the forfeiture of their tournament fee. Refunds will only be given to those members who withdraw 4 days prior to the scheduled tournament. Telephone or email notification must be made to the Tournament Director, or in the event that the Tournament Director is unavailable, telephone or email notification may be given to the Treasurer. A family or personal emergency will constitute an exception to this rule. In the event of an emergency, notification must be given to the Tournament Director as soon as possible to prevent forfeiture of fees. In the event of an emergency, it is the responsibility of the member to contact the Tournament Director, or Treasurer. Once the draw has been conducted, participants are expected to attend the tournament and / or pay their share of the tournament and hotel fees. COVID avoidance is not a valid reason in 2024. If you are ill do not attend the tournament.

Section 2. Boat owners must show proof of Three Hundred Thousand (\$300,000) minimum Liability Boat Insurance at time of membership sign-up. The Vice President will verify proof of minimum liability insurance at the time annual membership fees are collected.

Section 3. Boats may not leave the designated boundaries of the tournament water during tournament hours.

Section 4. Pairing of boat owners and non-boat owners (maximum of two persons per boat) will be done prior to each tournament. Pairing will be completed using a random draw process. The Tournament Director has sole discretion to make pairings based on health, safety, legal or other special circumstances. (Examples: Husband & wife, rookies & experienced members, friends or co-boat owners, or disabled fishermen)

Section 5. If an odd number or excess of “non-boater” entrants exist, the last paid entry received by the tournament director shall be deemed the “third man”. Third man rule permits a third angler in a tournament boat if the owner of the boat agrees to add a third angler.

Section 6. Non-boaters who cannot be placed with a boater will have their option to:

1. Use rental equipment at the tournament site, the cost of such rental shall be the sole responsibility of the member involved; or
2. Have their entry fee refunded.

Section 7. Any boat owner without a boat partner agrees to be assigned a non-boater at any time. Two boater may pair up together the day of the event with approval of the Tournament Director.

Section 8. During tournament hours, children under five may be in boats owned and operated by their parents or legal guardians. This child does not need to be a member however their catch cannot be mixed, co-mingled, or otherwise used to increase creel limits or extra poles.

Children between the ages of five (5yrs) and Thirteen (13) must fish in boats owned by their parents or legal guardians, or may fish in boats belonging to another club member with a sign parental agreement and club member approval. These children do not need to be club members to fish during tournament hours, however they may not compete in the tournament for prizes or plaques without being a club member. Children between the ages of five (5yrs) and Thirteen (13) may receive a certificate and acknowledgement for their participation only. This child does not need to be a member however their catch cannot be mixed, co-mingled, or otherwise used to increase creel limits or extra poles.

Young Adults between the ages of thirteen (13 yrs.) and eighteen (18yrs) are required to join the FVA as club members in the Youth Division. As such, these children will compete in the Youth Angler of the Year competition for plaques and prizes.

Section 9. Club Service: Any past club President, Treasurer or Tournament Director that left the club in good standing may enter one tournament in a calendar year without paying membership

dues. The end of the season Classic Championship is excluded and they are not eligible for special club prizes that may be awarded in a club event.

Section 10. Non-boaters are expected to split any launch, parking fees and gas expenses with their paired boat owner / partner. (As a guideline \$30-\$40 is a reasonable shared expense for the boat owner depending on water travel distance.) Road Travel partners split travel expenses.

Section 11. The Tournament Committee may at its discretion conduct livewell checks and or a minimum safety inspection of any boat for Personal Flotation Devices (PFD's), fire extinguishers, operating livewells, etc.

Section 12. Any member arriving late for a tournament must find another club member to check him or her in. Any member fishing in the tournament that has already checked in, may check in late arriving members.

Section 13. Disqualification is defined as “any act or conduct that renders an individual ineligible to participate in a club tournament”. Any angler found in violation of the following will be disqualified from the tournament where such violation occurred, and all points will be forfeited for that specific tournament:

- Consuming any alcoholic beverage(s) or illegal drug(s) during on water tournament hours; or
- Operating any boat while under the influence of any illegal drug or alcohol; or
- Possession of any illegal drug(s), alcohol or firearm(s) – including “conceal carry” in the boat during a tournament; or
- Violation of any fishing regulation or law; e.g., violation of creel, culling, species, limits, local speed limits (no wake zones); or
- Traveling in any tournament boat without an approved PFD whenever the boat motor or main engine is operating above slow / idle / trolling speed. Club members are allowed one reminder without being disqualified.
- Co-mingling anglers catch.

Sub-section (a): It shall be the sole discretion of the **Tournament Director (may consult Tournament Committee)** to determine if a violation that occurs on the first day of a multiple day tournament is serious enough to warrant disqualification (DQ) from the entire tournament, or from weighing and scoring of that specific days fish.

Article 3 – Fish and Fishing

Section 1. Thirty (30) minutes prior to the start of each tournament, an information meeting will be held. This meeting will review safety pre-cautions, creel and state regulations specific to the fishery, launch order, tournament boundaries, tournament hours, and weigh-in time.

Section 2. PFD's must be worn by all members and guest during a tournament whenever the boat's main engine is operated above idle or trolling speeds. (See bullet point 5 above)

Section 3. Weigh-in site and time will be determined at the beginning of the tournament. The weigh-in will begin within fifteen (15) minutes after completion of that day's fishing hours. You may not post rig your boat until after weighing in your catch. Anglers must be preparing the catch for weigh in only. 100 pts will be deducted for violation of the rule. (Members helping with weigh in or taking club pictures is not a violation)

Section 4. State and specific water regulations (size and creel limits, et al.) will be used and will supersede club regulations and limits. Breaking state regulations results in disqualification, or penalty determined by tournament committee, or as described in specific rules. Catch, Photo, Measure and Release (CPMR) may be used at the Tournament Director discretion.

Section 5. Weigh-in will be done in the order prescribe by the Tournament Director. Each entrant must weigh all of their fish during their turn. When the next entrant begins their turn the previous entrant cannot weigh any more fish that tournament day without prior permission of the tournament director. (i.e. need to go back to livewell to get a big catfish that did not fit in their weigh bag with the other fish the first time)

Section 6. At any tournament, a member at large from the club may be designated by the Tournament Committee to measure fish operate the scale, and support the general duties and responsibilities of the Tournament Committee.

Section 7. Any fish of questionable length will be measured and "bumped" by a Tournament Committee member or club member at large as designated by the Tournament Director. Fishermen may request a "pre-measure" by a tournament committee member before weigh-in for close to the limit fish. Pre-Measure may be overturned by TD that are $\leq 1/8$ ".

Section 8. At the end of the prescribe tournament hours, all participants must be within the designated weigh-in or launch location set prior to the launch. Reporting late to the weigh-in will result in awarding of participation points only to the offending club member. No fish will be weighed for the club member reporting late to the weigh-in.

Appeals: Any club member participating in the tournament that is deemed late to weigh-in, may provide a cause and justification for the lateness. The Tournament Director will review the explanation with the available Tournament Committee members and render a decision as to whether to award fish points or participation points to the late member. The decision by the Tournament Director is final.

Section 9. Short Fish, tournament entrants turning in a short fish or slot fish (measurement determined by the DNR to be immediately released) at the weigh-in will be penalized one pound (1 lb.) of that species for each short fish; e.g. an entrant has five (5) Bass at the bump board, one Bass is short, the four remaining Bass weigh eight and a half (8.5) pounds or 1275 points, minus 150 points for the short bass, that entrant would then have a total of seven and half pounds (7.50) or 1125 fish points. Entrants turning in a fish that is both short and dead will be penalized for a "short fish" only.

Section 10. One half (1/2) of the point value is awarded for each dead fish brought to the weigh-in.

Dead Fish: A fish that cannot swim or stay upright on its own power. Suspect fish will be weighed in separately and checked by a member of the Tournament Committee at release.

Section 11. Penalty points will be deducted from the entrants total fish points accumulated during the one or two day tournament.

Section 12. Fish caught during tournaments are to be released immediately after weigh-in. A no waste policy is in effect for tournaments, which means:

- No live game fish are to be kept; and
- No dead fish are to be returned to the tournament waters.

Section 13. Members may keep live fish listed without point loss: Bluegill, Crappie, Perch, Rock Bass, White or Yellow Bass, Catfish, Bullhead, and fish in the “other” category. Tournament participants may keep no game fish.

Section 14. All club tournaments will allow artificial lures, live bait, prepared or scented baits. Only fish caught on hook and line can be submitted for tournament prizes. All fish may be subject to inspection.

Section 15. All fish must be handled with the highest degree of care. Fish must be brought to the scale in a weigh bag, removed from the bag, and placed in the weigh basket, and then removed from the basket and placed back into the weigh bag or water. No pouring of weigh bags into baskets.

Section 16. Game fish dropped on the ground or not put back in water immediately after the weigh-in, the offending party will receive -25 pts penalty. (Taking of a fish picture is permitted).

Section 17. All participating boats must have a minimum of one live well capable of constantly circulating fresh water.

Section 18. Any tournament with four (4) or less participants confirmed by the 7:00 pm Wednesday evening draw will be cancelled. The Tournament Director will be responsible for rescheduling a make-up tournament or cancelling the tournament in consultation with the tournament committee.

Section 19. If during any tournament, no point's eligible / weighable fish are caught, the event will be “scrubbed” and no AOY points will be issued to any participants. The tournament committee will try to schedule a make-up tournament and all funds collected for the original tournament will be applied to the make-up event.

Article 4 – Scoring

Section 1. Points are awarded per tournament using the scoring system below. The sum of all legal fish brought to the weigh-in will determine what place an angler finishes in that

tournament. Points are based on the weight of the fish and the point value assigned that fish: e.g., a Bass weighing two and a quarter (2.25) pounds at 150 points per pound would be two and a quarter (2.25) pounds x 150 points = 337.5 points.

Minimum Length – Inches	Creel Limits	Species	Fish Points Per Pound
14	5	Largemouth Bass	150
14		Smallmouth Bass	150
14	5	Walleye	150
14		Sauger	150
32	2	Musky	80
24	5	Northern Pike	80
12	5	Trout & Salmon	100
10	25	Striper or Hybrid	80
10		White & Yellow Bass	80
7	25	Crappie	80
7		Perch	80
7		Rock Bass	80
7		Bluegill & Sunfish	80
12	10	Catfish	50
8	25	Bullhead	20
12	20	Other	20

Sturgeon at Wis Dells = 500pts must have photo, 3 fish maximum. CPR

Section 2. Musky, Northern Pike, Trout and Salmon: Once the length of the fish is verified by another FVA member or a Photo of the fish alongside a measuring tool and event symbol (for single boaters/ghosting only/team events) the fish must be released immediately. The formula to be used to calculate weight is: Length x Length x Length ÷ 3,500 = pounds.

Example: 32" x 32" x 32" ÷ 3,500 = 9.36 pounds

Walleye formula: Will use the attached chart or Length x Length x Length ÷ 2700 = pounds

It is solely up to the tournament director when and how to use the walleye or other fish formula. For example: The rule may be used on Lake Wisconsin that has a large slot limit or during warm water situations to preserve the health of the fish.

Section 3. Ghosting: Boaters who are fishing without a partner or team event. Instructions for recording length are: Take a photo of the fish alongside a measuring tool and an event symbol. Record the length to the quarter inch (1/4"). The event symbol will be provided at the pre-tournament meeting. Boaters, who fail to follow these instructions will have their fish disqualified and no weight will be entered. Length cannot be estimated, the measuring tool must be long enough to measure the fish. If the fish exceeds the measuring tool, the value recorded will be the length of the measuring tool.

Section 4. Using the scoring system in **Article 4 Section 1**, the 1st place angler at each tournament will receive fifty (50) Angler of the Year (AOY) points, on down to eleven (11) points for the 40th place angler, etc. Participating anglers that did not weigh in fish, will receive five (5) points less than the last awarded place points; e.g. fifteen (15) anglers fish, ten (10) anglers catch fish, the last awarded points are forty-one (41). The remaining five (5) anglers will receive thirty-six (36) show points.

Section 5. On a two day tournament, an angler may fish one day and receive AOY points for that day fished.

When an entered angler is a no show at the tournament, that angler will receive five (5) show points, and will be credited with a tournament for qualifying for the End of the Year Classic.

Section 6. The criteria for Rookie of the Year (ROY) will be as follows:

1. New members that have never fished in a prior FVA club tournament,
2. Returning club members that have been absent from the club for a minimum of two (2) years may re-qualify for ROY,
3. Members that joined the FVA the prior year with less than three (3) events remaining,
4. The individual must fish a minimum of three (3) tournaments to qualify.

To determine the ROY, the scoring system in Article 4, Section 1 will be used. All the tournaments that each new member fishes will be added up (best 7). The new member with the most points will be crowned the ROY and awarded a plaque.

Section 7. Most Improved Angler of the Year:

1. Must fish in a minimum of 5 events 2022 and 5 events 2023.
2. Score is based on the fish points / per day.
3. Angler with the best improved average or in case of a poor fishing year, the closest to the prior year average.
4. Past AOY do not qualify for the award.

Article 5 – Prize Distribution

Section 1. Tournament prize money breakdown will be determined by the number of entries:

5 to 8 Entries	9 to 15 Entries	16 + Entries
1 st Place, 60% & Plaque	1 st Place, 50% & Plaque	1 st Place, 45% & Plaque
2 nd Place, 40%	2 nd Place, 30%	2 nd Place, 25%
	3 rd Place, 20%	3 rd Place, 20%
		4 th Place, 10%

Section 2. If a tournament ends in a tie, prize money will equally divided from the two (2) prize categories; i.e., a tie for first (1st) would split the first (1st) and second (2nd) place prize money and the remaining places would receive their designated prize money. Prize money not distributed at a tournament will be added to the FVA classic fund.

Article 6 – End of the Year Classic

Section 1. To be eligible for the bonus prize fund at the End of the Year Classic, a member must:

1. Must be ranked in the top 50% of AOY point standings; or
2. Fish in minimum of half (50%) the tournament for the year, or half (50%) the tournaments since the date they joined the club that year.
3. The classic tournament can count toward qualification. (i.e. paid entry)

Section 2. New members signing up after the season has started must fish (50%) the tournaments left in the schedule with a minimum of three (3) tournaments, or finish in the top 50% of the AOY points to qualify for the End of the Year Classic.

Section 3. The top 5 Classic Qualified Anglers will receive bonus classic payout in the following percentage: 1st-40%, 2nd-25%, 3rd-20%, 4th-10%, 5th-5%.

Section 3. End of the Year Classic qualifiers will receive AOY points pay out. Alternates will not receive End of the Year Classic pay out. The payout will be calculated in the following manner.

Section 4. AOY will be determined on the anglers' best seven (7) tournament scores during the tournament season. The AOY payout at the banquet will be as follows:

1st-40%, 2nd-25%, 3rd-20%, 4th-10%, 5th-5%.

Section 5. CO-AOY will be determined on the anglers' best seven (7) tournament scores during the tournament season.

A Co-Angler is the non-boat owner, even if during the tournament that person runs the boat.

The Co-Angler of the year will receive an award at the banquet.

Article 7 – Protests

Section 1. Protests must be filed to the Tournament Director prior to the start of the weigh-in. The Tournament Director after consultation and discussion with the available Tournament Committee members has the final decision on all protests at the tournament location. The weigh-in will be delayed until a determination has been made. After the weigh-in, the Tournament Director will provide the Officer's / Board a detailed account of the complaint, and the determined outcome.

Section 2. Failure to read these rules, or ignorance of these rules, is no excuse. Knowledge of these rules is each member's responsibility.

Article 8 – Paper Tournaments

Section 1. The Tournament Committee may at its discretion select Paper Tournaments each year. These Paper Tournaments will be conducted in such a manner to allow the participants to record the length of previously identified game fish on a form, and to then submit that form to the Tournament Committee at the prescribed weigh-in time. Paper Tournaments will only be used on those waters and fisheries where size or possession limits are so restrictive in nature that normal tournament procedures would otherwise exclude those waters.

Section 2. Measuring Fish. Fish must be measured in a straight line from the tip of the snout with the **mouth closed** to the end of the compressed tail.

Article 9 – Doubles or Team Tournaments

Section 1. Every member entering the tournament is responsible to pay his or her entry fee. Teams will be determined from a random draw of boaters and non-boaters. If boaters are paired as a team, they must decide between them which boat they will use in the event.

Section 2. The scoring will be the same as normal events both members of the winning team will be awarded 50 AOY points and a plaque. The second place team will each get 49 AOY points and so on down the normal scoring system.

Each team can bring a one person limit to the scales. **No culling is allowed.**

Examples: 1) A team has five bass in their possession. They catch another bass that is larger than their first five. They place that fish in the livewell and release their smallest fish. This team now has 6 of their allowable 10 fish limit even though they have only 5 fish in the livewell.

2) The team has traded up 5 times. They have 8 fish in the livewell. They catch the biggest fish of the day! They place it in the livewell and place back to the lake 3 of their smallest fish. This is culling **and is illegal!** The team already had two (2), five fish limits. There by adding their 11th fish to the livewell. This rule is to be implemented by the ***honor system!***

Article 11. FVA Club Records

Break a club record during a tournament win a gift card. 1st Place \$50, 2nd \$25 3rd Place \$15

One Day

Person	Lake	Points	Date
Patrick Combs	Waubesa	4128	6/6/2021
Ken Kuhnle	Big Green	3127.8	6/24/18
Anita Kuhnle	Big Green	2883.8	6/24/18

Two Day

Person	Lake	Points	Date
Ken Kuhnle	Big Green	5929.4	6/24/18
Anita Kuhnle	Big Green	5284.2	6/24/18
Ken Kuhnle	Big Green	5055.4	6/24/17

Team One Day

Person	Lake	Points	Date
Patrick Combs Scott Skafar	Big Green	5853.8	6/10/2023
Anita Kuhnle Ken Kuhnle	Big Green	5542.5	6/10/2023
Patrick Combs Scott Skafar	Big Green	4747.3	6/4/2022

Team Two Day

Person	Lake	Points	Date
Patrick Combs Scott Skafar	Big Green	10054.4	6/10/2023
Patrick Combs Scott Skafar	Big Green	9272.6	6/4/2022
Anita Kuhnle Ken Kuhnle	Big Green	5083.8	7/21/19

2024 Tournament director Tom Salata. Co-Tournament Director Doug Bagrowski

2024 Tournament Committee

Looking for volunteer members

President: Patrick Combs

WALLEYE				BASS			
Length	Weight	Length	Weight	Length	Weight	Length	Weight
15	1.25	24	5.12	12	0.87	21	5.49
¼	1.31	¼	5.28	¼	0.93	¼	5.71
½	1.38	½	5.45	½	1.00	½	5.94
¾	1.45	¾	5.62	¾	1.07	¾	6.17
16	1.52	25	5.79	13	1.14	22	6.40
¼	1.59	¼	5.96	¼	1.21	¼	6.64
½	1.66	½	6.14	½	1.29	½	6.89
¾	1.74	¾	6.32	¾	1.37	¾	7.15
17	1.82	26	6.51	14	1.45	23	7.41
¼	1.90	¼	6.70	¼	1.54	¼	7.68
½	1.98	½	6.89	½	1.63	½	7.95
¾	2.07	¾	7.09	¾	1.72	¾	8.23
18	2.16	27	7.29	15	1.82	24	8.52
¼	2.25	¼	7.49	¼	1.92	¼	8.82
½	2.35	½	7.70	½	2.02	½	9.12
¾	2.44	¾	7.91	¾	2.13	¾	9.43
19	2.54	28	8.13	16	2.25	25	9.75
¼	2.64	¼	8.35	¼	2.36	¼	10.07
½	2.75	½	8.57	½	2.49	½	10.40
¾	2.85	¾	8.80	¾	2.61	¾	10.74

WALLEYE				BASS			
20	2.96	29	9.03	17	2.74	26	11.09
$\frac{1}{4}$	3.08	$\frac{1}{4}$	9.27	$\frac{1}{4}$	2.88	$\frac{1}{4}$	11.44
$\frac{1}{2}$	3.19	$\frac{1}{2}$	9.51	$\frac{1}{2}$	3.02	$\frac{1}{2}$	11.80
$\frac{3}{4}$	3.31	$\frac{3}{4}$	9.75	$\frac{3}{4}$	3.16	$\frac{3}{4}$	12.17
21	3.43	30	10.00	18	3.31	27	12.55
$\frac{1}{4}$	3.55	$\frac{1}{4}$	10.25	$\frac{1}{4}$	3.46	$\frac{1}{4}$	12.94
$\frac{1}{2}$	3.68	$\frac{1}{2}$	10.51	$\frac{1}{2}$	3.62	$\frac{1}{2}$	13.33
$\frac{3}{4}$	3.81	$\frac{3}{4}$	10.77	$\frac{3}{4}$	3.78	$\frac{3}{4}$	13.73
22	3.94	31	11.03	19	3.95	28	14.15
$\frac{1}{4}$	4.08	$\frac{1}{4}$	11.30	$\frac{1}{4}$	4.13	$\frac{1}{4}$	14.56
$\frac{1}{2}$	4.22	$\frac{1}{2}$	11.58	$\frac{1}{2}$	4.31	$\frac{1}{2}$	14.99
$\frac{3}{4}$	4.36	$\frac{3}{4}$	11.85	$\frac{3}{4}$	4.49	$\frac{3}{4}$	15.43
23	4.51	32	12.14	20	4.68	29	15.87
$\frac{1}{4}$	4.65	$\frac{1}{4}$	12.42	$\frac{1}{4}$	4.87	$\frac{1}{4}$	16.33
$\frac{1}{2}$	4.81	$\frac{1}{2}$	12.71	$\frac{1}{2}$	5.08	$\frac{1}{2}$	16.79
$\frac{3}{4}$	4.96	$\frac{3}{4}$	13.01	$\frac{3}{4}$	5.28	$\frac{3}{4}$	17.26