

PARTICIPATING SCHOOL TOURNAMENT INFORMATION 2025-26 MHSAA TENNIS

1a. TOURNAMENT FORMAT – (Lower Peninsula)

The MHSAA Lower Peninsula Boys and Girls Tennis Tournaments are conducted in four equal Divisions by enrollment. MHSAA staff assigns schools to one of eight Regionals in each Division based on geography and travel considerations. Regional assignments are included in the "Tournament Notification Form" sent to all member schools and posted on the MHSAA website.

MHSAA Tournament competition at the Regional level will be conducted on a team basis, with teams and/or individuals advancing to the MHSAA Finals. A regular season team shall consist of four singles and four doubles matches. All matches shall be best-of-three COMAN tie-break sets. Each match won by a team member by play or default will count as one point toward a team or total score. The team score is based on the total cumulative score of each team entry.

Finals Qualification:

8 Regionals:

Schools will be assigned to one of <u>eight</u> Regionals when there are <u>MORE</u> than 288 schools that sponsor the sport.

- The winning and runner-up teams from each Regional and any team that scores **18** or more points in a draw of 16 will qualify for the Finals.
 - o Any school with **10** or more points in a draw of <u>eight</u> will also qualify.
- Any No. 1 Singles winner or runner-up who is not a member of a qualified team, will qualify for the Finals.
- Any No. 1 Doubles winner or runner-up who is not a member of a qualified team AND whose No. 1 Singles was a flight champ or flight runner-up will also qualify for the Final Meet.
- All individual entries will be drawn into the #1 Flight with the #1 Flight team players and will compete for individual honors. The MHSAA Seed Committee will determine all seeds for the Finals.

6 Regionals:

Schools will be assigned to one of six Regionals when there are 288 or LESS schools that sponsor the sport.

- Teams in the top 3 in the Region would automatically qualify for the Finals.
 - Should there be a tie for 3rd, all teams tied for 3rd place at the Regional will advance to the Finals.
 - o If there is a tie for 1st or 2nd, the team with the next highest number of points would be outside of the top 3 and would <u>NOT</u> advance.
- Any team that scores 18 or more points in a draw of 16 will qualify for the Finals level.
 - Any school with <u>10</u> or more points in a draw of <u>eight</u> will qualify.
- Any No. 1 Singles winner or runner-up who is not a member of a qualified team, will qualify for the Finals.
- Any No. 1 Doubles winner or runner-up who is not a member of a qualified team AND whose No. 1 Singles
 was a flight champ or flight runner-up will also qualify for the Final Meet.
- All individual entries will be drawn into the #1 Flight with the #1 Flight team players and will compete for individual honors. The MHSAA Seed Committee will determine all seeds for the Finals.

Boys L.P. Regional Tournament Dates Oct. 8, 9, 10, or 11, 2025

Boys L.P. F	inals Inforn	nation
Boys D4	Midland	OCT 20-21, 2025
Boys D1	Midland	OCT 17-18, 2025
Boys D2	Midland	OCT 22-23, 2025
Boys D3	Midland	OCT 24-25, 2025

Girls L.P. Regional Tournament Dates May 13, 14, 15, or 16, 2026

Girls L.P. Fi	nals Inform	ation
Girls D4	Midland	MAY 27-28, 2026
Girls D1	Midland	MAY 29-30, 2026
Girls D2	Midland	JUNE 3-4, 2026
Girls D3	Midland	JUNE 5-6, 2026

1b. TOURNAMENT FORMAT – (Upper Peninsula)

The MHSAA Upper Peninsula Boys and Girls Tennis Tournaments will divide schools into two equal Divisions based on enrollment. Final assignments are included in the "Tournament Notification Form" posted on the MHSAA website.

There is no Regional level for the U.P. competition.

MHSAA Tournament competition at the U.P. Finals level will be conducted on a team basis. A regular season team shall consist of four singles and four doubles matches. All matches shall be the best of three COMAN tiebreak sets. Each match won by a team member by play or default, or advancement after a bye, will count as one point toward a team or total score. The team score is based on the total cumulative score of each team entry.

Girls U.P. Finals Date

Oct. 1-4, 2025

(Date determined by the Finals Manager)

Boys U.P. Finals Date

May 27-30, 2026

(Date determined by the Finals Manager)

Girls U.P. Finals Locations

Division 1 – Westwood Division 2 – Kingsford

Boys U.P. Finals Locations

Division 1 – Westwood Division 2 – Kingsford

2. TOURNAMENT PROCEDURES

REGIONALS (L.P.)

Entry, Eligibility, Ranking - Only a bona fide team (minimum of four players) may participate in the MHSAA Regional Tournament. All teams will play four Singles and four Doubles matches. Individuals will be limited to competition in EITHER singles or doubles play. (A bona fide team means the school has an actual schedule for the current school year and has participated in four or more matches during the current school year.)

A player must be a bona fide member of the school team (has represented their school in a high school match) before the entry deadline. The player's name must be on the Eligibility List <u>and</u> Regional Lineup Sheet when submitted.

All coaches MUST play their BEST player at No.1 singles.

All team members are to be ranked in position according to their ability (singles-flight one, two, three, or four OR doubles-flight one, two, three, or four). Doubles teams shall be ranked according to the ability of the two players as a team and not as individuals. (See 8A)

A player must have played a majority of <u>all</u> matches played at that flight in which they are entered for Regional play. If there are extenuating circumstances (i.e., illness, injury during the season), <u>ranked</u> ability shall take precedence over majority.

Every effort must be made to establish the lineup early in the season. <u>The moving of players to various positions is strongly discouraged.</u>

STACKING

Stacking is having players not in rank order as defined by the MHSAA rules. Any lineup changes must be verified by current challenge matches.

Challenge Match – A coach needs written verification to explain his/her lineup and must use a consistent format throughout the portion of the season when challenges are allowed.

Definition of stacking - Players are NOT in ranked order. Why is stacking wrong?

- a. It is against the stated rules and policies of the MHSAA.
- b. It violates the true spirit of athletic competition.

Is it stacking, playing your second-best player in doubles?

No, as long as it is done as a permanent position. If not, what is wrong with having your second-best player switch back and forth between singles and doubles?

Switching back and forth:

- a. Complicates seeding for Regionals and Final
- b. Is unfair to your own players/team
- c. Becomes a guessing game with your lineup with opposing coaches

Moving players lower in the lineup because of discipline is not permissible.

Utilization of Players – When you have less than 12 team members on your published team roster;

- 4 players: play No. 1, 2, 3, 4 singles
- 5 players: play No. 1, 2, 3 singles No. 1 doubles
- 6 players: play No. 1, 2, 3, 4 singles No. 1 doubles
- 7 players: play No. 1, 2, 3 singles No. 1, 2 doubles
- 8 players: play No. 1, 2, 3, 4 singles No. 1, 2 doubles
- 9 players: play No. 1, 2, 3 singles No. 1, 2, 3 doubles
- **10** players: play No. 1, 2, 3, 4 singles No. 1, 2, 3 doubles
- 11 players: play No. 1, 2, 3 singles No. 1, 2, 3, 4, doubles

8 Regionals: When 8 Regionals are assigned, the following qualifications will be used.

- The winning and runner-up team from each Regional, and any team that scores <u>18</u> or more points in a draw of 16 will qualify to the Final level.
 - Any school with <u>10</u> or more points in a draw of <u>eight</u> will qualify for the Final level.
- Any No. 1 Flight Singles winner or No. 1 Flight singles runner-up who is not a member of a qualified team,
 will qualify to the Final Tournament.
- Any No. 1 Flight Doubles winner or runner-up who is not a member of a qualified team and whose team has
 also qualified for their No. 1 Singles flight will qualify for the Final Tournament.
- All individual entries will be drawn into the No. 1 Flight with the No. 1 Flight team players and will compete for individual honors.

6 Regionals: When 6 Regionals are assigned, the following qualifications will be used.

- When the number of participating schools in the sport of lower peninsula tennis drops to **288** schools (72 schools per Division) or below, the MHSAA will conduct 6 Regionals in that sport.
- Teams in the top 3 in the Region would automatically qualify for the Finals.
 - Should there be a tie for 3rd, all teams tied for 3rd place at the Regional will advance to the Finals.
 - o If there is a tie for 1st or 2nd, the team with the next highest number of points would be outside
 - o of the top 3 and would NOT advance.
- The existing point requirement to qualify as an additional team point-wise would remain in effect.
- The requirements for additional 1st Singles/1st Doubles Qualifiers would remain in effect.

Seeding – A place is provided on the Regional Lineup Sheet to designate those players who you feel deserve seeding consideration. Place a check before their name and <u>attach</u> the Player Season Report (PSR – generated by TennisReporting.com) to the Regional Lineup Sheet. You are encouraged to be present at the Regional Seeding Meeting if at all possible. The season records and total number of matches, as indicated on the Regional Lineup Sheet, <u>must</u> be updated with current information at the Seeding Meeting or prior to it.

<u>NOTE</u>: Season records include only regular-season contests. No scrimmage or non-interscholastic play results are to be considered. Any player in the tournament may be given consideration for seeding.

<u>Player Season Report</u> – A **Player Season Report (PSR)** – generated by **TennisReporting.com**, must be presented with entry materials. The Player Season Report (PSR) is considered part of the entry material and *must be* complete, accurate, and legible. A \$50 late fee may be assessed by the Regional Manager if the Player Season Report (PSR) does not meet all requirements. A separate sheet MUST be presented for each player and doubles team entered. Defaults are to be part of the player's permanent record and included on the Player Season Report (PSR). The reason for the default must be stated on the sheet.

The Player Season Report (PSR) must be updated online (at TennisReporting.com) daily as the season progresses. The Player Season Report (PSR) should reflect matches played as current as possible without missing the deadline. Make sure the Player Season Report (PSR) is accurate and includes all matches: this

includes all regularly scheduled matches of your high school team. These contracted matches should be counted regardless of the scoring system used. Scrimmages or outside competition for the individual shall not be considered.

Substitutions – After the Regional Lineup Sheet has been received by the Tournament Manager, substitution is to be allowed only in the case of illness, injury, discipline, immediate family tragedy, religious reasons, or academic commitment (e.g., Advanced Placement test). A letter from the school must accompany the name of the substitution. The substitute must be placed into the same position as the person for whom the substitution is being made. Juggling the lineup is not permitted. If a substitution is to take place prior to the Opt-Out deadline time, a coach is expected to substitute by ranked order of ability. A major change in many of the flights is not permissible. If a substitute is used for a player in the Regionals and that team qualifies for the Finals level, the player for whom the substitution was made may represent the school in the Finals level in the original position of entry. In case of injury or illness, causing the player to terminate play, no substitute is allowed, and a default is awarded to the opponent. If a substitution is made after the Regional Tournament, for the allowable reasons, once the Final Draw is completed, the substitute is the player of record.

Deadline to Make a Substitution at Regionals & FINALS - At Regional and final tournaments, any substitution must be made before the end of the last scheduled coaches meeting prior to play. If there is a possibility of a seeded player not being able to play, the coach should notify the tournament manager in advance.

Majority Rule Violation at Regionals – The Regional committee has the authority to correct line-ups that do not meet the requirements of the majority rule. The school's coach in question should present information concerning extenuating circumstances to the committee while considering the matter.

A modified USTA point penalty system for lateness and violations will be used.

Warm-Up - The warm-up before each match shall not exceed 10 minutes - this includes the serve.

Rest – Between matches, a player or doubles team will receive at least 30 minutes. The time may be shortened if both coaches agree. Between the second and third set, a maximum of five minutes may be taken.

Maximum Number of Matches for Contestants – A player or doubles team may participate in no more than **117 games** in a given day.

Scoring – Each match won by a team member by play or default will count as one point toward a team's total score (in case of a bye in the first round, a player must win the second-round match before that player receives a point for the bye). The team score is based on the total cumulative score of each team entry.

Regional Match Tiebreak - At the Regionals, all round of 32 and round of 16 matches will play a best 2 out of 3 sets match with a match tiebreak (Super Tiebreaker: 1st to 10 pts, win by 2) in lieu of the 3rd Set. All Quarterfinal, Semifinal, and Final matches will be played best 2 out of 3 full sets.

Penalty for Unsportsmanlike Conduct After Match – For flagrant unsportsmanlike conduct after a match is completed, the offending player will be defaulted and removed from the site as soon as authorized school personnel become available. This removal will be for the duration of the event (Regionals and Finals are considered one event). In addition, one point will be deducted from the player's team score. This rule will be in effect for all MHSAA Tennis Tournaments.

<u>NOTE</u>: If a player is defaulted from the Regional level, a substitution at his/her position is <u>NOT</u> allowed.*

* Doubles Disqualification: In Doubles flights at the Regional level ONLY, if one of the Doubles players in a flight is assessed a flagrant penalty, the school administration may request a Direct Substitution for the disqualified player, so that the partner who was not disqualified may participate in the state finals if the flight or team qualifies. This request must be approved by the MHSAA.

FINALS

Finals qualifications will differ depending on the numbered of Regionals being offered per Division (6 or 8). Any team that scores **18** or more points in a draw of 16, will qualify for the Finals level. (Any school with **10** or more points in a draw of eight will qualify for the Finals level.) Any No. 1 Singles winner or runner-up who is not a member of a qualified team, will qualify for the Finals. Any No. 1 Doubles winner or runner-up who is not a

member of a qualified team AND whose No. 1 Singles was a flight champ or flight runner-up will also qualify for the Final Meet.

All individual entries will be drawn into the #1 Flight with the #1 Flight team players and will compete for individual honors. The MHSAA Seed Committee will determine all seeds for the Finals.

It will not be necessary for coaches of qualified teams or individual entries to forward a Finals Meet Regional Lineup Sheet; however, each coach must update the **Player Season Report (PSR)**. The Regional Lineup Sheet and Eligibility List previously submitted, along with the **updated** Player Season Report (PSR), will be forwarded with the meet results by the Regional Manager.

Player Position in Finals Meet – Members of qualified teams must compete in the same Flight at the Finals level as at the Regional level.

Substitution – If a substitute was used for a player in the Regionals and that team qualifies for the Finals, the player for whom the substitution was made may participate in the Finals. At the Finals level, a substitution may be allowed only in the case of illness or injury, discipline, immediate family tragedy, religious reasons, or academic commitment. **The school must submit in writing the reason and the name of the substitute. After the Final Draw, no additions can be made, and the substitute is the player of record.**

Finals Meet Seeding – Any coach, who feels their player/players should be considered for a seeded position at the Finals MUST have an updated information sheet in the hands of the closest Area Seeding Director by the required time and date. This information <u>must</u> be in writing. A phone call with pertinent information will assist the Director. However, your presence at the Sunday afternoon area meeting is strongly encouraged.

At the Final tournament, if there are (21) to (23) #1 Singles or #1 Doubles players in the draw, up to (7) players may be seeded. If there are (24+), up to (8), players may be seeded.

Finals Meet Draw – The Seeding Meeting will be conducted by Area Seeding Directors and Finals Level Managers.

Enforcement of the Majority of Matches Rule — If a player does not meet the requirements of the Majority Rule at the Regional, the team's lineup will be adjusted so that it complies. The Final Seed Committee has the authority to correct a lineup that is deemed in violation of the Majority Match Rule.

Tournament Substitution & Redraw Rule – When a seeded player withdraws on the day of the tournament, the tournament manager will adjust the new seeds so that they are on the proper line for their seed. This would include the provisional seed. The seeds will be adjusted, but the bracket will <u>not</u> be re-drawn (playing against the same team more than two times is allowed if dictated by the seed adjustment).

Penalty for Unsportsmanlike Conduct After Match – For flagrant unsportsmanlike conduct after a match is completed, the offending player will be defaulted and removed from the site as soon as authorized school personnel become available. This removal will be for the duration of the event (Regionals and Finals are considered one event). In addition, one point will be deducted from the player's team score. This rule will be in effect for all MHSAA Tennis Tournaments.

<u>NOTE</u>: If a player is defaulted for unsportsmanlike conduct, no substitution is allowed.

Use of Indoor Facilities – MHSAA, in cooperation with the respective tournament manager, will authorize the use of indoor facilities under adverse weather conditions. If indoor facilities are available and approval is given by the MHSAA, the tournament may be moved indoors. **The MHSAA will pay for the courts at the <u>FINALS ONLY</u>.**

Coaching Supervision – No individual or team may participate in an MHSAA Tournament event UNLESS ACCOMPANIED TO THE EVENT BY THE COACH, administrator, or appointee of the school.

Number of Coaches - At any team competition, dual meet, or invitational tournament, Regional or Final, there shall be no more than two coaches per school. Should the event be hosted at more than one location, each school is allowed three (3) coaches while being conducted at 2 locations; 2 coaches at one location, and 1 coach at the second location. If additional sites are used (more than 2), see the grid below. Only two coaches are allowed once the event is condensed back to one location. Only one coach per school may coach on a court at any one time.

^{*} See NOTE on page 4 if the default is for a Doubles Flight Disqualification.

1 Site	2 Sites	3 Sites	4 Sites	5 Sites
2 Coaches	3 Coaches	3 Coaches	4 Coaches	5 Coaches

Coaches MUST have completed the rules meeting to be eligible to coach in the postseason. Any changes to the original list of coaches for the postseason must be submitted in writing to the Final Tournament Manager and the MHSAA.

State Finals Match Tiebreak - At the State Finals, all round of 32 and round of 16 matches will play a best 2 out of 3 sets match with a match tiebreak (Super Tiebreaker: 1st to 10 pts, win by 2) in lieu of the 3rd Set. All Quarterfinal, Semifinal, and Final matches will be played best 2 out of 3 full sets.

3. OPT OUT POLICIES, ELIGIBILITY LISTS, ROSTERS

The Regional Lineup Sheet, the Player Season Report (PSR), and the Master Eligibility List must be properly filled out and sent to the Regional Manager by the Opt-Out Due date:

Girls U.P.	Boys L.P.	Girls L.P.	Boys U.P.
9-26-25	10-1-25	5-6-26	5-22-26

Entry materials need to be submitted to the Regional Manager by the deadline.

The materials include Regional Lineup Sheet, Master Eligibility, and Player Season Report (PSR) for all Singles and Doubles Teams. Please include the list of all registered coaches (to be used during postseason competition) with the Entry Materials.

4. DRAW PROCEDURES

Regional managers will notify participating schools regarding the date, time, and location of the Seeding Meeting. It is strongly recommended that each coach attend the meeting; however, no players or parents are invited. Coaches must have sent complete information on each player; this includes results from the entire MHSAA season. Once the Seeding Meeting is over, the draw and seeds are set. No protest is allowed to the decisions of the seeding committee regarding either seeds or placement of seeds at the Regional or Final Tournament. Once the committee adjourns, there are no appeals, protests, or changes of the seeds or placement of the seeds, unless a seeded player withdraws from the tournament.

5. TIME SCHEDULE

Regional Managers determine the time schedule for their event. Finals managers determine the time schedule for their event.

6. AWARDS

Regionals – The winning team (total points) will be awarded a team trophy, and team members will receive medals. Medals will be presented to each flight winner and runner-up. In the case of a tie (two or more teams) for first place, a duplicate trophy and medals should be ordered through the MHSAA.

Finals – The winning team and the runner-up team (total points) will receive trophies. Individual medals will be awarded to the winner, runner-up, and semifinalists in each flight. Members of the championship and runner-up teams will be awarded a team medal.

Duplicate trophies and medals will be awarded in case of a tie at the champion or runner-up position. In the case of a tie (two or more teams) for first place, a runner-up trophy will not be awarded.

There shall be no awards of any kind made to any person or group except those provided by the MHSAA for those players competing in MHSAA tournaments.

Extra Medal Order Form - CLICK HERE

7. LIMITS OF COMPETITION

Teams and individuals may have a maximum of **16 competition dates** during the regular season.

During the regular season, a player or doubles team may participate in no more than <u>117 games on a given day.</u> In post-season play <u>ONLY</u> (Regional and Finals), additional games above 117 are allowed to complete the event on that day. There are no weekly limits. MHSAA tournament dates do <u>not</u> count against season maximums.

Limited Team Membership Rule - applies to each individual tennis player from the point of the first allowable competition date. A player is limited to two outside competitions during that team's season, commencing with the first day of allowed competition under MHSAA regulations, regardless of when the team or student begins competition, or the player joins the team. During the high school tennis season, a member of the school team may participate in a maximum of two non-school meets or contests in that sport while not representing his or her school. An event held on not more than three consecutive calendar days is considered a single meet.

8. FINANCES

Participating schools will assume all costs of the tournament. This includes transportation, lodging, meals, and indoor courts (if used) at the Regional level. Admission may be charged at the Finals tournaments if the facility is conducive.

BALL FEE – Participating schools are responsible for a \$75 "ball fee" at the MHSAA L.P. Regional and L.P. Finals tournament. This "ball fee" does <u>NOT</u> replace indoor costs associated with indoor facility rental in the event of inclement weather at the Regional level. At the L.P. Regional level, each participating school will send a \$75 check made out to the **Regional host school** by the Opt-Out Due Date. For those schools that qualify for the L.P. Finals, an additional \$75 check must be sent to the MHSAA to the attention of the Finals venue host once your team has qualified. No "ball fee" will be required for individual qualifiers at #1 Singles or #1 Doubles.

9. OFFICIALS SELECTION/ASSIGNMENTS

Tournament management will secure qualified personnel and USTA officials for the Final.

10. PLAYING RULES/ADAPTATIONS

Rules of the USTA will apply to all tournament competitions with all provisions as stated in the coach's manual.

11. MEDIA INFORMATION & REGULATIONS (LINK)

12. SPORTSMANSHIP

When a student is disqualified during a contest for flagrant or unsportsmanlike conduct, that student shall be withheld by his/her school for the remainder of that day of competition and for at least the next day of competition for that team.

When a coach is disqualified during a contest for unsportsmanlike conduct, that coach shall be prohibited by his/her school from coaching for the remainder of that day of competition and from coaching at or attending at least the next day of competition for that coach's team.

In individual sports, a student or coach who is disqualified in the first round of a tournament that progresses over more than one day may not participate on any subsequent day in that tournament because the student has not qualified for additional rounds. This includes MHSAA tournaments in tennis and individual wrestling.

Failure of the school for any reason to enforce this regulation will prohibit the school from entry in the next MHSAA tournament for that sport, or from the remainder of the current tournament if the disqualification occurs during an MHSAA tournament or during the last regular-season contest. Disqualifications from one season carry over to the next season in that sport for undergraduates and coaches, or the next season in any sport for seniors. If the playing rules for a sport specify an additional penalty or more rapid progression, or use of such a progression for other violations, the playing rules apply.

Any coach who is disqualified for unsportsmanlike conduct two or more times during a season, any player who is disqualified for unsportsmanlike conduct three or more times during a season, and any coach or player who is ejected for spitting at, hitting, slapping, kicking, pushing or intentionally and aggressively physically contacting an official at any time during that season, is not eligible to participate in the MHSAA tournament for that sport that season. If the tournament disqualifying ejection for that individual occurs during the MHSAA tournament, that player or coach is ineligible for the remainder of that tournament.

If a team is removed from competition in protest, the contest is forfeited to the opponent, and the coach and principal of the removed team must appear before the Executive Committee to indicate why additional action should not be taken. The Executive Committee may also require the appearance of personnel from other schools and game officials.

If the coach is ejected from the contest and an assistant coach, or an assigned school representative, is not available to continue as the coach, the event is terminated and forfeited to the opponent.

When a contest is interrupted or ends prematurely because of a breakdown of proper sportsmanship and whether or not the on-site officials forfeit the contest to one team, one or both schools may be subjected to any or all, but not limited to, the following: censure, probation with competition, probation without competition, forfeiture, loss of privilege of revenue sharing, expulsion. In addition, it may be required of one or both schools that their coaches and administrators appear before the Executive Committee to indicate why additional action should not be taken.

13. WEATHER POLICIES, SUSPENSIONS, POSTPONEMENTS

When teams are delayed in arriving at tournament sites because of inclement weather, management is encouraged to consider delaying competition for a few hours and/or playing games/matches in brackets of teams/individuals that are present and prepared to participate. If, after a reasonable delay, fewer than 60% of the scheduled teams/individuals have not arrived, the tournament must be rescheduled. If 60% or more of the scheduled teams/individuals are present, the tournament is to be conducted on the day scheduled.

14. INJUNCTION, RESTRAINING ORDER, PROTESTS

If an injunction or restraining order is served or presented at an MHSAA tournament site and such purports to require the eligibility of or participation by a student or team which a school and/or the MHSAA has ruled to be ineligible under MHSAA regulations, the on-site tournament manager is to suspend the entire competition (team competition) or events in which that student is intending to participate (individual competition). If the meet has begun, it shall be completed.

Protests will not be reviewed by the MHSAA. All disputes must be decided at the site before the game proceeds. The umpires will make the final decision regarding game events. The Tournament Manager will resolve all next game concerns.

15. TOBACCO AND ALCOHOL POLICY

Use of alcohol or tobacco, including e-cigarettes or other smoking devices, is prohibited at MHSAA tournament events by players, coaches and spectators. Managers should stress in coaches' meetings that they are not to use tobacco at the tournament venue.

16. YOUTH PROTECTION POLICY

During the MHSAA Tournament events, the MHSAA expects all designated managers, volunteers, or paid staff assisting in the event, officials, or any other personnel to follow local school district policy and state statute regarding the mandatory reporting of child abuse, bullying, hazing, and sexual harassment. A report of such activity shall be made to legal authorities and to the MHSAA Executive Director or his designee.

17. UNMANNED AERIAL VEHICLE (DRONE) POLICY

For the purposes of the policy, the word "drone" applies to all Unmanned Aerial Vehicles. The policy is written for all MHSAA tournament contests, while local laws and policies control all regular-season contests.

Drones are prohibited for all indoor tournament contests in all sports. For outdoor sports local, state, and federal laws govern the use of drones. Drones may never be flown over spectators, athletes, or the playing surface. All drones must stay outside of the "restraining line" or the normal footprint of the playing surface. This includes never flying over bleachers, press box, or anywhere that spectators sit or gather for a contest. The operator of the drone must be registered with the FAA and follow local, state, and federal law when flying the drone. https://www.faa.gov/uas/getting_started/register_drone

Drones can never be used to scout opponents' games or practices. Non-school facilities reserve the right to restrict drone use on their property. An exception to this policy may be made in specific cases for MHSAA broadcast partners, provided the management of the tournament facility permits the presence of UAVs for broadcast purposes under the control of the MHSAA.

18. 50/50 POLICY

MHSAA tournament hosts can conduct 50-50 raffles provided the host site manager requests and receives the appropriate license from the State of Michigan. https://www.michigan.gov/cg/raffles

19. LOCKER ROOM PRIVACY POLICY

Using devices of any kind to capture or transmit images is strictly prohibited in locker rooms, dressing areas, training rooms, weigh-in rooms, showers, restrooms, or other areas where there is an expectation of privacy during MHSAA tournament events. Tournament managers or athletic directors that discover such use should move immediately to have the device removed and inform the head coach or athletic director of the identity and nature of the activity of the person involved.

20. SPECTATOR POLICIES

The following general policies apply to spectators at MHSAA Tournament events. Tournament managers may also have additional school, facility, or institutional restrictions and/or policies.

- Banners are allowed with Meet Manager approval.
- Noisemakers are not allowed
- Smoking is not allowed at the tournament site.
- Spectator Videotaping Spectators may tape, but are not to interfere with the view of other spectators or news media personnel covering the activity. A manager is not required to provide electrical hook-ups or tripod space and may arrange spectator videotaping from a designated location(s).
- The policies of the local host site shall prevail with respect to pets/animals. Without a local host policy, animals or pets shall not be permitted to enter MHSAA tournament venues, including spectator and team areas. However, properly marked or documented service animals that are leashed or harnessed at all times may accompany spectators paying admission or attending with other approved team or school personnel. Individuals who bring service animals are asked to bring their own waste disposal bags and request special seating in advance of the event if this is needed.

21. RETURN TO ACTIVITY & POST-CONCUSSION CONSENT FORM - CLICK HERE

WORD: Tennis / PSTI / 2022-23 ALL PSTI

MICHIGAN HIGH SCHOOL ATHLETIC ASSOCIATION, INC. 2025-26 Tennis Regional (L.P.) or Final (U.P.) Tournament Lineup

(CITY)			(SCHOOL)					Hi	gh Sch	ool
			SINGLES				TO ¹		RECOI THIS F	
X FOR SEED	FLIGHT	FIRST	LAST		GRADE	TOTAL MATCHES	WON	LOST	WON	LOST
	15									
	25									
	35									
	45									
			OOUBLES				TO ¹		RECOI THIS F	
X FOR SEED	FLIGHT	FIRST	LAST		GRADE	TOTAL MATCHES	WON	LOST	WON	LOST
	10									
	1D									
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	3D									
	4D									
YES	NO D	We are willing to as:	sume our fair share o	f indoor court	costs if	weather do	es not	permit (<mark>outdoo</mark> !	r play
_	_ <u>.</u>									
PRINT - HE	EAD COACI	Н	() HOME # OR CELL #	E-MAIL						
PRINT - AS	SSISTANT (COACH	() HOME # OR CELL #							
		THAT ALL OF THE AR			IRATE					

PRINCIPAL OR AD SIGNATURE



REGIONAL & FINAL TENNIS COACHING STAFF

SC	HOOL:	
	1. HEAD Coach:	
		Email:
		Phone:
	2. Asst Coach:_	
	Contact Info:	Email:
		Phone:
	3. Asst Coach:_	
	Contact Info:	Email:
		Phone:
beir	ng registered with the	either be faculty coaches or have non-faculty status while MHSAA. Any assistant or subvarsity coach (paid or volunteer) Regules and meeting requirements as the head coach

3 Sites

3 Coaches

Principal or AD Signature

2 Sites

3 Coaches

1 Site

2 Coaches

By checking the boxes above and signing this form, I attest that <u>ALL</u> coaches listed above have completed the appropriate steps to be eligible to coach at all MHSAA post-season tennis events.

MAIL / FAX / EMAIL TO REG (L.P.) or FINAL (U.P.) MGR BY OPT-OUT DUE DATE

4 Sites

4 Coaches

Girls U.P.	Boys L.P.	Girls L.P.	Boys U.P.
9-26-25	10-1-25	5-6-26	5-22-26

5 Sites

5 Coaches

MODEL POLICY FOR MANAGING HEAT & HUMIDITY

Adopted March 22, 2013

- 1. Thirty minutes prior to the start of an activity, and again 60 minutes after the start of that activity, take temperature and humidity readings at the site of the activity. Using a digital sling psychrometer is recommended Record the readings in writing and maintain the information in files of school administration. Each school is to designate whose duties these are: generally, the athletic director, head coach, or certified athletic trainer.
- 2. Factor the temperature and humidity into the Heat Index Calculator and Chart to determine the Heat Index. If a digital sling psychrometer is being used, the calculation is automatic.

If the Heat Index is below 95 degrees:

All Sports

- Provide ample amounts of water. This means that water should always be available, and athletes should be able to take in as much water as they desire.
- o Optional water breaks every 30 minutes for 10 minutes in duration.
- o Ice-down towels for cooling.
- o Watch/monitor athletes carefully for necessary action.

If Heat Index is 95 to 99 degrees:

All Sports

- Provide ample amounts of water. This means that water should always be available, and athletes should be able to take in as much water as they desire.
- Optional water breaks every 30 minutes for 10 minutes in duration.
- o Ice-down towels for cooling.
- Watch/monitor athletes carefully for necessary action.

• Contact sports and activities with additional equipment:

Ice-down towels for cooling.

Contact sports and activities with additional equipment:

- o Helmets and other possible equipment removed while not involved in contact.
- · Reduce the time of outside activity. Consider postponing practice to later in the day.
- Recheck temperature and humidity every 30 minutes to monitor for increased Heat Index.

If Heat Index is 99 to 104 degrees:

All Sports

- Provide ample amounts of water. This means that water should always be available, and athletes should be able to take in as much water as they desire.
- Mandatory water breaks every 30 minutes for 10 minutes in duration.
- Ice-down towels for cooling.
- Watch/monitor athletes carefully for necessary action.
- Alter uniform by removing items if possible.
- Allow for changes to dry t-shirts and shorts.
- Reduce time of outside activity as well as indoor activity if air conditioning is unavailable.
- o Postpone practice to later in the day.

• Contact sports and activities with additional equipment:

- Helmets and other possible equipment removed if not involved in contact or necessary for safety.
- o If necessary for safety, suspend activity.
- Recheck temperature and humidity every 30 minutes to monitor for increased Heat Index.

If Heat Index is 99 to 104 degrees:

All Sports

 Stop all outside activity in practice and/or play and stop all inside activity if air conditioning is unavailable.

Note: When the temperature is below 80 degrees,

there is no combination of heat and humidity that will result in the need to curtail activity.

— A Heat Index Chart appears on the next page—

HEAT INDEX CHART

Temperature (Fahrenheit)

_	70	- 00	04	00	- 00	0.4	0.5	1 00	- 07	- 00	- 00	00	0.4	- 00	- 00	0.1	05	- 00	07	00	00 [400
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99	84	87	91	94	98	102	106	111	116	120	125	131	136	142	147	153	160	166	172	179	186	193
98	84	87	90	94	98	102	106	110	115	120	124	130	135	140	146	152	158	164	171	177	184	191
97	84	87	90	94	97	101	105	110	114	119	124	129	134	139	145	151	157	163	169	176	182	189
96	83	87	90	93	97	101	105	109	113	118	123	128	133	138	144	149	155	161	167	174	180	187
95	83	86	90	93	97	100	104	108	113	117	122	127	132	137	142	148	154	160	166	172	179	185
94 93	83 83	86	89 89	93 92	96 96	100 99	104	108 107	112 111	116 116	121 120	126 125	131 130	136 135	141 140	147 145	152 151	158 157	164 162	170 169	177	183 181
92	83	86 86	89	92	95	99	103	106	111	115	119	124	129	133	139	144	149	155	161	167	175 173	179
91	83	86	89	92	95	98	102	106	110	114	118	123	127	132	137	143	148	154	159	165	171	178
90	83	86	88	91	95	98	102	105	109	113	117	122	126	131	136	141	147	152	158	164	170	176
89	83	85	88	91	94	98	101	105	109	113	117	121	125	130	135	140	145	151	156	162	168	174
88	83	85	88	91	94	97	101	104	108	112	116	120	125	129	134	139	144	149	155	160	166	172 170
87	83	85	88	91	94	97	100	104	107	111	115	119	124	128	133	138	143	148	153	159	164	170
86	83	85	88	90	93	96	100	103	107	110	114	118	123	127	132	136	141	146	152	157	163	168
85	83	85	87	90	93	96	99	102	106	110	113	117	122	126	130	135	140	145	150	155	161	167
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81	82	84	87	89	92	94	97	100	104	107	110	114	118	122	126	131	135	140	144	149	155	160
80	82	84	86	89	91	94	97	100	103	106	110	113	117	121	125	129	134	138	143	148	153	158
79	82	84	86	89	91	94	96	99	102	106	109	113	116	120	124	128	133	137	142	146	151	157
78	82	84	86	88	91	93	96	99	102	105	108	112	115	119	123	127	131	136	140	145	150	155
77	82	84	86	88	90	93	96	98	101	104	108	111	115	118	122	126	130	135	139	144	148	153
76	82	84	86	88	90	93	95	98	101	104	107	110	114	117	121	125	129	133	138	142	147	152
75	82	84	85	88	90	92	95	97	100	103	106	109	113	116	120	124	128	132	136	141	145	150
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58 57 56 55 54 53 52 51 50 49 48 47 46 44 43 42 41 40 39	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82	85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 82 82	87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85	90 90 90 89 89 89 88 88 88 87 87 87 87 86 86 86 86 86	92 92 92 91 91 90 90 90 90 89 89 88 88 88 88 87 87 87	94 94 93 93 92 92 91 91 91 90 90 90 89 89 88 88 88	96 96 95 95 94 94 94 93 92 92 92 91 91 90 90 90 89	99 98 98 97 96 96 95 95 94 94 93 93 93 92 92 92 91 91 91	101 100 100 99 98 98 97 97 96 96 95 95 94 94 93 93 93	103 103 102 101 101 100 100 99 98 97 97 96 96 96 95 95 94	106 105 105 104 103 103 102 101 101 100 99 98 97 97 96 96 95	109 108 107 106 106 105 104 103 102 102 101 100 99 99 98 98 98 97	111 111 110 109 108 107 107 106 105 105 104 103 103 102 101 101 100 100 100 100 100 100 100	114 113 113 1112 111 110 109 108 107 106 105 105 105 104 103 103 102 101 101	117 116 115 114 114 113 112 111 110 109 109 108 107 106 106 105 104 104 103	120 119 118 117 116 116 115 114 113 112 111 110 109 108 107 106 106 105	124 123 122 120 119 118 117 116 115 115 115 115 114 113 112 111 110 109 109 108 107 106	127 126 125 124 123 121 120 119 118 117 116 115 114 114 113 112 111 110 109 108
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38	81 80 80 80 80 80 80 80 80 80 80 80 80 79 79 79 79	82 81 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 81 82 82	85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82	87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 84	90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 85	92 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87 87	94 94 93 93 92 92 91 91 91 90 90 89 89 88 88 88 88 88	96 96 95 95 94 94 94 93 93 92 92 92 92 91 91 90 90 89 89	99 98 98 97 96 96 95 95 94 94 94 93 93 92 92 91 91 91 90 90	101 100 100 99 99 98 98 97 97 96 96 95 95 94 94 94 93 93 93	103 103 102 101 101 100 100 99 98 97 97 96 96 96 95 95 94 94	106 105 105 104 103 103 100 100 100 100 99 98 98 97 97 96 96 95 95	109 108 107 106 106 106 105 104 103 102 102 100 100 99 98 98 97 97	111 111 110 109 108 107 107 106 105 105 104 103 103 102 101 100 100 99 98	114 113 113 112 111 110 109 108 108 107 106 105 105 104 103 102 101 101 100 100	117 116 115 114 114 113 1112 110 109 109 107 106 106 106 105 104 104 103 102	120 119 118 117 116 116 115 114 113 112 111 110 109 109 108 107 106 106 105	124 123 122 120 119 118 117 116 115 115 111 113 112 111 110 109 108 107 106 106	127 126 127 128 129 129 119 118 117 116 115 114 114 111 110 109 108
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 41 40 39 38 38	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 81 81 81	85 85 85 85 84 84 84 84 83 83 83 83 83 82 82 82 82	87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 86 85 85 85 85 85 84 84	90 90 90 89 89 89 88 88 88 87 87 87 87 86 86 86 86 86 86 85	92 92 92 91 91 90 90 90 89 89 88 88 88 87 87 87 87 86 86	94 94 93 93 92 92 92 91 91 90 90 89 89 88 88 88 88 88 88	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 89 89 89	99 98 98 97 96 96 95 95 94 93 93 92 92 91 91 90 90	101 100 100 99 98 98 98 97 97 96 96 95 95 94 94 93 93 93 92 92 92	103 103 102 101 101 100 99 98 97 97 96 96 96 95 95 94 94 93	106 105 105 104 103 103 102 101 101 100 99 98 97 97 96 95 95 95	109 108 107 106 106 106 105 104 103 102 102 101 100 99 99 98 98 97 97 97 96	111 111 110 109 108 107 107 106 105 105 104 103 103 102 101 101 100 100 99 98 98	114 113 113 112 111 110 109 108 108 107 106 105 105 103 103 103 102 101 101 101 100 99	117 116 1115 1114 1114 1113 1112 1111 110 109 109 109 107 106 106 105 104 104 103 102 102	120 119 118 117 116 116 115 114 113 1112 111 110 109 108 107 106 106 105 104 104 103	124 123 122 120 119 118 117 116 115 115 114 113 112 111 110 109 109 108 107 106 106	127 126 127 128 129 129 119 118 117 116 115 114 113 111 110 109 108 108
58 57 56 55 54 53 52 51 50 49 48 47 46 44 43 42 41 40 39 38 38 37 36	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 81 81 81 81	85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82	87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84 84	90 90 90 90 89 89 89 88 88 88 87 87 87 87 86 86 86 86 86 86 85 85	92 92 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87 87 87 86 86 86	94 94 94 93 93 93 92 91 91 91 90 90 89 89 88 88 88 88 88 87 87	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 90 89 89 89 88 88	99 98 98 97 96 96 95 95 94 93 93 92 92 91 91 91 90 90 89	101 100 99 99 98 98 97 97 96 95 95 94 93 93 93 92 92 91	103 103 102 101 101 100 99 99 98 97 97 96 96 96 95 95 94 93 93 93	106 105 105 104 103 103 102 101 101 100 99 98 98 97 97 96 96 96 95 95 95	109 108 107 106 106 106 105 104 103 102 101 100 100 99 98 98 98 97 97 96 96	111 111 110 109 108 107 106 105 105 104 103 103 100 101 101 100 100 99 98 98 98 97	114 113 113 112 111 110 109 108 108 107 106 105 105 104 103 103 102 101 101 100 100 99	117 116 115 114 114 113 112 111 110 109 108 107 106 105 104 104 103 102 102 101 101	120 119 118 117 116 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 104 103 104	124 123 122 120 119 118 117 116 115 115 115 114 113 112 111 110 109 108 107 106 106 106 106	127 126 127 128 124 123 121 120 119 118 117 116 115 114 114 113 112 111 110 109 108 108 107 106
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 36 35	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 81 81 81	85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82	87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83	89 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84	90 90 90 89 89 89 88 88 88 88 87 87 87 87 86 86 86 86 85 85	92 92 92 91 91 90 90 89 88 88 88 88 87 87 87 86 86	94 94 94 93 93 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87	96 96 95 95 95 94 94 94 93 93 93 92 92 92 91 91 90 90 89 89 89 88 88 88	99 98 98 97 96 96 95 95 94 94 93 93 92 92 92 91 91 91 90 90 90	101 100 99 99 98 98 97 97 96 96 95 94 94 93 93 92 91 91 91	103 103 102 101 101 100 99 99 97 97 96 96 96 96 95 95 94 94 94 94 94 94 94	106 105 105 104 103 103 102 101 100 100 99 98 98 97 97 96 96 95 95 94 94	109 108 107 106 106 106 105 104 104 103 102 102 101 100 99 99 98 98 97 96 96 95	111 111 110 109 108 107 106 105 104 103 103 102 101 100 100 99 98 98 97 97	114 113 113 112 111 110 109 108 108 107 106 105 105 104 103 103 103 102 101 101 100 99 99 98	117 116 1115 1114 1114 1113 1112 1111 110 109 109 109 107 106 106 105 104 104 103 102 102	120 119 118 117 116 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 104 103 102 102	124 123 122 120 119 118 117 116 115 115 114 113 112 110 109 108 107 106 106 105 104	127 126 125 124 123 121 120 119 118 117 116 115 114 114 111 110 109 108 107 106
58 57 56 55 54 53 52 51 50 49 48 47 46 44 43 42 41 40 39 38 38 37 36	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 81 81 81 81	85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 82 82 82 82	87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84 84	90 90 90 90 89 89 89 88 88 88 87 87 87 87 86 86 86 86 86 86 85 85	92 92 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87 87 87 86 86 86	94 94 94 93 93 93 92 91 91 91 90 90 89 89 88 88 88 88 88 87 87	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 90 89 89 89 88 88	99 98 98 97 96 96 95 95 94 93 93 92 92 91 91 91 90 90 89	101 100 99 99 98 98 97 97 96 95 95 94 93 93 93 92 92 91	103 103 102 101 101 100 99 99 98 97 97 96 96 96 95 95 94 93 93 93	106 105 105 104 103 103 102 101 101 100 99 98 98 97 97 96 96 96 95 95 95	109 108 107 106 106 106 105 104 103 102 101 100 100 99 98 98 98 97 97 96 96	111 111 110 109 108 107 106 105 105 104 103 103 100 101 101 100 100 99 98 98 98 97	114 113 113 112 111 110 109 108 108 107 106 105 105 104 103 103 102 101 101 100 100 99	117 116 115 114 114 113 112 111 110 109 108 107 106 106 106 105 104 104 103 102 102 101 100 100 100	120 119 118 117 116 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 104 103 104	124 123 122 120 119 118 117 116 115 115 115 114 113 112 111 110 109 108 107 106 106 106 106	127 126 127 128 124 123 121 120 119 118 117 116 115 114 114 113 112 111 110 109 108 108 107 106
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 36 37 36 36 37 38 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	83 83 83 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 82 82 82 82 82 82 81 81 81 81 81	85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82	87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 83 83 83	90 90 90 89 89 89 88 88 88 87 87 87 86 86 86 86 86 85 85 85 85	92 92 92 91 91 90 90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 86 85 85	94 94 93 93 93 92 92 91 91 90 90 89 88 88 88 88 87 87 87 87 86 86	96 96 95 95 94 94 94 93 92 92 92 91 91 90 90 89 89 88 88 88 88 88 88	99 98 98 97 96 96 95 94 94 94 94 91 91 91 90 90 89 89 89 88	101 100 99 98 98 98 97 96 95 95 94 93 93 93 92 92 92 91 91 90 90	103 103 102 101 101 100 100 99 98 97 96 96 96 95 95 94 94 93 93 92 92 91	106 105 105 104 103 102 101 100 100 100 99 98 97 97 96 95 95 95 94 94 94 94 94	109 108 107 106 105 104 103 102 101 100 100 100 99 98 97 97 97 96 96 95 94	111 111 110 109 108 107 106 105 105 105 103 103 103 100 101 101 100 99 98 97 97 96 96 96	114 113 112 1110 109 108 107 106 105 105 105 106 103 103 100 101 101 100 99 99 98 98 97	117 116 115 114 114 113 112 111 110 109 109 108 107 106 105 104 103 102 101 100 99 99 98	120 119 118 117 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 103 102 101 101 101 102	124 123 122 120 119 118 117 116 115 115 1115 1113 112 1111 100 109 109 109 107 106 106 106 106 104 104 103 102	127 126 125 124 123 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 106 105
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 41 40 39 38 38 37 36 35 31	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81	85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82	87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	90 90 90 89 89 89 88 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 85 84	92 92 92 91 91 90 90 89 89 88 88 88 87 87 87 87 86 86 86 86 86 85 85	94 94 94 93 93 93 92 92 91 91 90 90 89 88 88 88 88 87 87 87 86 86 86	96 96 95 95 95 94 94 94 94 93 93 92 92 91 91 90 90 89 89 88 88 88 88 88 87	99 98 98 97 96 96 95 95 94 93 93 93 92 92 92 92 91 91 91 90 90 89 89 89 88 88	100 100 100 99 99 98 98 98 97 96 96 96 99 99 99 99 91 91 91 90 90 90 89	103 103 102 101 101 100 100 100 99 98 97 97 96 96 95 95 94 94 94 93 93 93 93 92 92 92 91	106 105 105 104 103 102 101 100 100 99 98 97 97 96 96 95 95 95 94 94 93 93 93	109 108 107 106 106 106 105 102 102 102 102 101 100 100 100 99 99 99 99 99 99 99 99 99 99 99 99	1111 1111 1101 109 108 107 107 106 105 103 103 103 101 101 101 100 99 98 97 97 97 96 96 96 95	114 113 113 112 111 110 109 108 107 106 105 105 105 104 103 103 103 103 100 101 100 100 100 100	117 116 115 111 114 111 111 110 109 109 107 106 105 106 107 106 107 108 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 116 115 114 113 112 111 110 109 108 107 106 106 105 104 104 103 102 102 101 101 100 99	124 123 122 120 119 118 117 116 115 115 115 114 113 112 111 110 109 108 107 106 106 106 104 104 104 102 102 102 102 102 102 103	127 126 126 125 124 123 120 119 118 117 116 115 114 111 110 109 108 107 106 105 104 104 103
58 57 56 55 54 53 52 51 50 49 48 47 46 43 44 43 38 37 36 35 34 33 32 33 33 33	81 80 80 80 80 80 80 80 80 80 80 80 80 79 79 79 79 79 79 79 79 79 79	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79	83 83 83 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 80 80 80 80 80 80	84 84 84 84 85 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 85 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 87 87 86 86 86 86 85 85 85 85 85 85 84 84 84 84	92 92 92 91 91 90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 86 88 88 88 88 88 88 88 88	94 94 93 93 93 92 92 91 91 91 90 90 90 89 88 88 88 88 87 87 87 86 86 86	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 89 88 88 88 88 87 87 87	99 98 98 97 96 96 95 95 94 94 93 93 93 92 92 92 92 92 91 91 91 90 90 90 89 89 88 88 88 88 88 88	101 100 100 99 99 98 98 98 97 97 96 95 95 95 94 94 93 93 92 91 91 90 90 90 90 88 88	103 103 101 101 101 101 100 100 99 98 98 97 97 97 96 96 99 99 98 99 99 99 99 99 99 99 99 99 99	106 105 105 104 103 102 101 100 100 100 99 98 97 97 96 96 95 95 95 94 93 93 93 92 92	109 108 107 106 106 105 104 103 102 101 100 101 100 99 98 98 98 99 97 99 99 99 99 99 99 99 99 99 99 99	1111 1110 1109 108 107 107 107 107 108 108 109 109 109 100 100 100 100 100 100 100	114 113 112 111 110 109 108 107 105 105 105 105 105 109 101 101 101 101 101 101 101 101 109 99 98 98 97 97 96 96	117 116 115 114 111 111 111 110 109 108 107 106 106 106 106 109 101 101 102 101 101 102 101 101 109 99 98 98 97	120 119 118 117 116 116 115 114 113 1112 1111 110 109 108 107 106 106 106 106 103 104 104 103 102 101 101 101 101 101 102 102 103 104 104 105 106 106 106 106 106 106 106 106 106 106	124 123 122 120 119 118 117 116 115 115 115 111 110 109 108 107 106 106 106 105 104 104 102 102 102	127 128 128 122 124 120 119 118 117 116 115 114 113 112 109 108 108 106 106 106 105 104 104 103
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 36 37 36 37 38 37 38 38 39 30 30 30 30 30 30 30 30 30 30 30 30 30	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79	83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 85 85 85 84 84 84 84 84	92 92 92 91 91 90 90 90 89 89 88 88 88 87 87 87 87 86 86 86 86 86 85 85	94 94 93 93 93 92 92 91 91 90 90 89 88 88 88 88 87 87 87 86 86 86 86 86	96 96 95 95 94 94 94 93 92 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87	99 98 98 97 96 96 96 95 94 94 94 92 92 91 91 90 90 90 89 89 89 88 88 88 88 88 88	101 100 100 99 99 98 98 98 97 96 96 95 94 93 93 93 92 92 92 92 90 90 90 89 88 88	103 103 101 101 101 101 100 100 99 98 97 96 96 95 95 95 94 94 94 93 93 93 92 92 91 91 99 99	106 105 105 104 103 102 101 100 100 100 99 98 98 97 97 96 95 95 95 94 94 94 94 94 94 95 95 95	109 108 107 106 106 106 104 104 102 102 102 102 109 99 98 97 97 97 97 99 99 99 99 99 99 99 99 99	1111 1110 1199 108 107 107 106 105 105 104 103 102 101 101 101 100 99 98 99 99 99 99 99 99 99 99 99	114 113 112 111 110 109 108 107 106 105 105 105 104 103 103 102 101 101 101 100 100 99 99 98 98 97 96 96	117 116 115 114 114 111 110 109 109 107 106 105 104 104 109 109 104 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 103 102 101 101 100 99 99 98	124 123 122 120 119 118 117 116 115 115 1115 1113 1112 1111 110 109 109 109 107 106 106 106 106 104 104 104 102 102 101 101 101 101 101 101 101 101	127 126 126 127 124 123 122 120 119 118 117 116 115 114 111 110 109 108 108 107 106 106 106 104 104 103
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 41 40 39 38 38 37 36 35 31 30 30 29 28	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 79 79 79 79	83 83 82 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	87 87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 83 83 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	89 88 88 88 87 87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 84 84 84 83 83 83 83 83 83 83 83 83 83 84 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 86 85 85 85 85 85 85 85 84 84 84 84	92 92 92 91 91 90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 86 86 85 85	94 94 93 93 93 93 92 92 92 92 91 91 91 90 90 89 88 88 88 88 87 87 87 87 86 86 86 86 86 86 88 88	96 96 95 95 94 94 94 94 93 93 92 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87 87 87	99 98 98 97 96 96 96 95 95 94 93 93 93 92 92 92 92 92 91 91 91 90 90 89 89 88 88 88 88 88 88 88 88	101 100 100 99 98 98 98 97 97 97 96 95 95 95 92 91 91 91 90 90 90 90 89 89 88 88	103 103 101 101 101 101 100 100 100 99 98 97 97 97 96 96 96 95 94 94 94 93 93 93 93 92 92 91 91 90 90	106 105 105 104 103 102 101 100 100 99 98 97 97 97 96 96 95 95 95 94 93 93 93 92 92 91	109 108 107 106 105 104 103 102 101 100 100 100 99 99 98 98 97 97 99 99 99 99 99 99 99 99 99 99 99	1111 1110 1109 108 107 107 107 107 105 105 105 105 105 105 105 105 109 100 100 100 100 100 100 100 100 100	114 113 112 111 110 108 108 107 105 105 105 105 105 105 109 109 100 100 100 100 100 100 100 100	117 116 115 114 111 111 110 109 108 107 106 106 106 107 101 102 102 102 102 109 99 99 99 97 97	120 119 118 117 116 116 115 114 113 112 111 110 109 108 107 106 106 105 104 104 103 102 102 101 100 100 100 100 100 100 100	124 123 122 120 119 118 117 116 115 115 115 114 113 112 111 110 109 108 107 106 106 106 106 104 104 104 102 102 102 102 102 103 104 104 105 105 105 105 105 105 105 105 105 105	127 126 125 124 121 120 121 121 120 119 118 117 116 115 114 111 110 108 108 106 106 106 106 104 104 102 102 102 102 102 102 103 104 105 106 106 106 106 106 106 106 106 106 106
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 38 37 36 35 34 33 32 29 28 28	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79 79 79	83 83 83 82 82 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	84 84 84 84 85 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 85 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 83 83 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	89 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 87 87 87 86 86 86 86 85 85 85 85 85 85 85 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	92 92 92 91 91 91 90 90 90 89 89 88 88 88 87 87 87 86 86 86 86 86 85 85 85 85	94 94 93 93 93 93 92 92 91 91 90 90 90 89 88 88 88 88 87 87 87 86 86 86 86 86 86 88 88 88	96 96 95 95 94 94 94 93 93 92 92 92 92 91 91 90 90 89 88 88 88 88 87 87 87 87 87 86 86	99 98 98 97 96 96 95 95 94 94 94 92 92 92 92 92 91 91 90 90 90 89 89 88 88 88 88 88 88 88 88 88	101 100 100 99 99 98 98 97 97 96 95 95 95 95 99 91 91 90 90 90 90 89 89 88 88	103 103 101 101 101 101 100 100 99 98 98 97 97 97 96 96 95 95 94 94 93 93 93 93 92 92 92 92 99 90 90 90 90	106 105 105 104 103 102 101 100 100 100 99 98 98 97 97 96 96 95 95 95 94 93 93 93 93 92 92 91 91	109 108 107 106 106 105 104 103 102 101 100 109 99 98 98 98 99 99 99 99 99 99 99 99 99	1111 1110 1109 1008 107 107 107 107 108 108 109 109 109 100 100 100 100 100 100 100	114 113 112 111 110 109 108 107 105 105 105 105 105 109 101 101 101 101 101 101 101 101 109 99 98 98 98 97 97 97 99 95 95	117 116 115 114 114 111 110 109 108 107 106 106 106 106 107 101 101 102 101 102 101 109 99 98 98 97 97 97	120 119 118 117 116 116 115 114 113 1112 1111 110 109 108 107 106 106 106 106 107 104 103 102 101 101 100 99 98 98 98	124 123 122 120 119 118 117 116 115 115 115 111 110 109 108 107 106 106 105 104 104 104 102 102 101 101 100 100 100 100 100 100	127 128 128 122 124 120 119 118 117 116 115 114 113 112 109 108 108 106 106 106 106 106 109 109 109 109 109 109 109 109 109 109
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 37 36 37 36 37 38 37 36 37 38 38 38 38 38 38 38 38 38 38	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 79 79 79 79	83 83 82 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 85 85 85 84 84 84 84 84 84 84 84 84 84 84 84 84	92 92 92 91 91 90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 86 86 85 85	94 94 93 93 93 92 92 91 91 90 90 89 88 88 88 88 87 87 87 86 86 86 86 86 86 85	96 96 95 95 94 94 94 93 92 92 92 91 91 90 90 89 89 88 88 88 87 87 87 87 86 86	99 98 98 97 96 96 95 94 94 94 93 93 92 92 91 91 91 90 90 89 89 89 88 88 88 88 88 88 88 88 87	101 100 100 99 99 98 98 98 97 96 96 99 99 99 91 91 91 90 90 90 89 89 89 89 88 88 88 88 88	103 103 101 101 101 101 100 100 100 99 98 97 97 97 96 96 96 95 94 94 94 93 93 93 93 92 92 91 91 90 90	106 105 105 104 103 102 101 100 100 99 98 97 97 97 96 96 95 95 95 94 93 93 93 92 92 91	109 108 107 106 105 104 103 102 101 100 100 100 99 99 98 98 97 97 99 99 99 99 99 99 99 99 99 99 99	1111 1110 1199 108 107 107 106 105 105 105 104 103 102 101 101 101 100 99 98 99 99 99 99 99 99 99 99 99 99 99	114 113 112 111 110 108 108 107 105 105 105 105 105 105 109 109 100 100 100 100 100 100 100 100	117 116 115 114 111 111 110 109 108 107 106 106 106 107 101 102 102 102 102 109 99 99 99 97 97	120 119 118 117 116 116 115 114 113 112 111 110 109 108 107 106 106 105 104 104 103 102 102 101 100 100 100 100 100 100 100	124 123 122 120 119 118 117 116 115 115 115 114 113 112 111 110 109 108 107 106 106 106 106 104 104 104 102 102 102 102 102 103 104 104 105 105 105 105 105 105 105 105 105 105	127 126 125 124 121 120 121 121 120 119 118 117 116 115 114 111 110 108 108 106 106 106 106 104 104 102 102 102 102 102 102 103 104 105 106 106 106 106 106 106 106 106 106 106
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 38 37 36 35 34 33 32 29 28 28	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79 79 79	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 83 83 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	89 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 87 87 87 86 86 86 86 85 85 85 85 85 85 85 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	92 92 92 91 91 90 90 90 89 89 88 88 88 87 87 87 87 86 86 86 86 86 85 85 85 85 85	94 94 93 93 93 93 92 92 91 91 90 90 90 89 88 88 88 88 87 87 87 86 86 86 86 86 86 88 88 88	96 96 95 95 94 94 94 93 93 92 92 92 92 91 91 90 90 89 88 88 88 88 87 87 87 87 87 86 86	99 98 98 97 96 96 95 95 94 94 94 92 92 92 92 92 91 91 90 90 90 89 89 88 88 88 88 88 88 88 88 88	101 100 100 99 99 98 98 97 97 96 95 95 95 95 99 91 91 90 90 90 90 89 89 88 88	103 103 101 101 101 100 100 100 99 98 97 96 95 95 95 95 93 93 93 92 92 91 91 90 90 90	106 105 105 104 103 102 101 101 100 100 99 98 98 97 97 96 95 95 95 95 94 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	109 108 107 106 106 106 104 103 102 102 102 100 100 100 99 98 98 97 97 97 97 99 99 99 99 99 99 99 99 99	1111 1110 1109 1008 107 107 107 107 108 108 109 109 109 100 100 100 100 100 100 100	114 113 112 111 110 109 108 107 106 105 105 105 104 103 103 102 101 101 101 100 100 99 99 98 98 97 96 96 95 95 95	117 116 115 114 114 111 110 109 107 106 107 106 107 106 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 103 102 101 100 99 99 98 98 98	124 123 122 120 119 118 117 116 115 115 1115 1113 1112 1111 110 109 109 109 107 106 106 106 106 107 104 104 104 109 109 109 109 109 109 109 109 109 109	127 126 126 127 124 121 120 121 121 121 121 119 116 115 117 114 111 111 110 108 108 109 105 105 105 105 105 105 105 105 105 105
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 41 40 39 38 38 31 33 32 32 31 30 29 28 27 26 25 24 23	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79 79 79 79 79	83 83 83 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 82	87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 83 83 84 85 85 85 85 85 85 85 85 85 85 85 85 85	89 88 88 88 87 87 87 86 86 86 86 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 85 85 85 85 85 85 85 85	92 92 92 91 91 90 90 90 89 89 88 88 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 85 85 84 84	94 94 93 93 93 93 92 92 92 92 91 91 91 90 90 89 88 88 88 88 87 87 87 87 86 86 86 86 86 85 85 85	96 96 95 95 94 94 94 93 93 92 92 91 91 90 90 89 89 88 88 88 87 87 87 87 87 86 86 86	99 98 98 97 96 96 95 94 94 94 93 93 92 92 91 91 91 90 90 89 89 88 88 88 88 88 88 88 88 88 87 87 87	101 100 100 99 99 98 98 98 97 96 95 95 94 93 93 92 92 92 92 90 90 90 90 89 89 88 88 88 88 88 88 88	103 103 101 101 101 100 100 100 100 99 98 98 97 97 97 96 96 95 94 94 94 99 99 99 99 99 99 99 99 99 99	106 105 105 104 103 102 101 100 100 100 99 98 98 97 97 96 95 95 95 95 94 94 94 94 94 94 95 95 95 95 97 97 96 97 97 99 99 99 99 99 99 99 99 99 99 99	109 108 107 106 106 105 104 103 102 101 100 100 100 99 98 98 98 99 97 97 99 99 99 99 99 99 99 99 99 99	1111 1110 1109 107 107 107 107 107 108 108 109 109 109 109 100 100 100 100 100 100	114 113 111 111 110 108 108 107 105 105 105 105 105 105 105 105 105 109 109 109 109 109 109 109 109 109 109	117 116 115 114 113 112 110 109 108 107 106 106 105 105 104 104 103 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 115 114 113 112 111 110 109 109 108 107 106 106 105 104 103 102 101 101 100 99 98 98 98 98 97 97	124 123 122 120 119 118 117 116 115 115 115 1115 1110 110 109 108 107 106 106 106 106 106 107 107 109 109 109 109 109 109 109 109 109 109	127 126 126 127 124 121 122 121 122 121 122 121 119 118 117 114 113 114 114 115 116 108 108 108 109 109 109 109 100 100 100 100 100 100
58 57 56 55 54 53 52 51 50 49 48 47 46 43 44 43 44 43 43 33 38 37 36 35 32 31 30 29 28 27 26 27 26 26 27 28 28 28 28 28 28 28 28 28 28	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79 79 79 79 79 79	83 83 83 82 82 82 82 82 82 82 82 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	84 84 84 84 84 85 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 82	85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 83 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	89 88 88 88 87 87 87 87 86 86 86 86 86 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 85 84 84 84 84 84 84 84 83 83 83 83 83 83 84 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	92 92 92 91 91 90 90 90 89 89 88 88 88 88 88 88 88 86 86 86 86 86 85 85 85 85 85 85 84 84 84 84	94 94 94 93 93 93 93 92 92 92 91 91 90 90 90 89 88 88 88 88 87 87 87 87 86 86 86 86 86 86 85 85 85 85 85 85 85 85 85 85 85 85 85	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 89 89 88 88 88 88 87 87 87 87 87 86 86 86 86 86 86	99 98 98 97 96 96 96 99 99 99 99 91 91 91 91 90 90 90 90 89 89 88 88 88 88 88 88 88 88 88 88 88	101 100 100 99 99 98 98 98 99 95 95 95 95 94 94 93 93 92 91 91 90 90 90 90 90 89 88 88 88 88 88 88 88 88	103 103 101 101 101 100 100 100 99 99 98 96 95 95 94 94 94 94 92 92 92 92 92 91 90 90 88 98 89	106 105 105 104 103 102 101 100 100 99 98 97 97 96 96 95 95 95 94 93 93 93 93 92 92 91 91 90 90	109 108 107 106 105 104 102 101 100 100 100 100 100 100 100 99 99 97 97 99 99 99 99 99 99 99 99 99	1111 1110 1109 108 107 107 107 107 107 108 108 108 109 109 109 100 100 100 100 100 100 100	114 113 112 111 110 108 108 107 105 105 105 105 105 105 107 109 109 109 99 99 99 99 99 99 99 99 99 99 99 99 9	117 116 115 114 111 111 111 110 109 108 107 106 106 105 106 105 107 100 100 100 100 100 100 100 100 100	120 119 118 117 116 115 114 113 1112 1111 110 109 108 107 106 106 106 105 104 104 102 102 102 101 101 109 99 98 98 98 97 96 96	124 123 122 120 119 118 117 116 115 115 115 114 111 110 109 108 107 106 106 106 106 107 109 109 109 109 109 109 109 109 109 109	127 126 125 124 121 121 122 121 120 118 117 116 115 114 113 112 109 108 108 106 106 106 106 107 107 109 109 109 109 109 109 109 109 109 109
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 44 44 43 39 38 37 36 35 34 33 32 31 30 29 28 28 28 28 28 28 28 28 28 28	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 79 79 79 79 79 79 79 79 79	83 83 83 82 82 82 82 82 82 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 79 79 79	84 84 84 84 85 83 83 83 83 83 85 82 82 82 82 82 82 82 82 82 82 82 82 82	85 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 81 81 81 81 81	87 87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 88 87 87 87 87 87 86 86 86 86 85 85 85 85 85 85 84 84 84 84 84 84 84 83 83 83 83 83 84 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	92 92 92 91 91 90 90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 85 84 84 84 84 84	94 94 93 93 93 92 92 91 91 90 90 90 90 89 89 88 88 88 87 87 86 86 86 86 86 85 85 85 85	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 89 88 88 88 87 87 87 86 86 86 86 86 86 86 86	99 98 98 97 96 96 95 94 94 94 94 92 92 92 92 92 92 99 90 90 90 90 89 89 88 88 88 88 88 88 88 88 87 87 87 87 87	101 100 100 99 99 98 98 97 97 96 96 99 99 99 99 91 91 90 90 90 90 89 89 88 88 88 88 88 88 88 88	103 103 101 101 101 100 100 100 99 98 98 97 97 96 96 99 99 99 99 99 99 99 99 99 99 99	106 105 105 104 103 102 101 100 100 100 99 98 98 97 97 96 96 96 95 95 95 94 93 93 93 93 93 93 93 94 95 95 96 96 96 97 98 98 99 99 99 99 99 99 99 99 99 99 99	109 108 107 106 106 106 105 104 102 101 100 109 99 98 98 99 97 96 99 99 99 99 99 99 99 99 99 99 99 99	1111 1110 1109 1008 1017 1007 1007 1007 1008 1019 1019 1010 1010 1010 1010 1010	114 113 112 1110 119 108 108 107 105 105 105 105 105 105 109 100 101 101 101 101 100 100 100 100	117 116 115 114 114 111 111 110 109 108 107 106 106 106 106 106 107 107 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 115 1113 1112 1111 110 109 108 107 106 106 106 106 107 104 103 102 101 101 100 99 98 98 98 98 97 96 96 96 96	124 123 122 120 119 118 117 116 115 115 115 1115 1110 109 108 107 106 106 106 107 106 109 109 109 109 109 109 109 109 109 109	127 126 126 127 121 121 122 121 122 121 122 121 122 121 118 117 114 115 114 115 114 115 116 108 108 107 106 106 106 106 107 107 107 107 107 107 107 107 107 107
58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 41 40 39 38 38 31 30 32 22 22 22 21 20	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79 79 79 79 79 79 79	83 83 83 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 79 79 79	84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 82 82	85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 82 82 82 82 82 82 82 82 82 81 81 81 81 81 81 81	87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 83 83 83 83 83 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	89 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 85 84 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 85 85 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 83 84 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	92 92 92 91 91 90 90 89 89 88 88 88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 85 85 85 85 84 84 84 84 84 84	94 94 93 93 93 93 93 92 92 92 91 91 90 90 90 89 89 88 88 88 88 87 87 87 86 86 86 86 86 86 85 85 85 85 85 85 85 85 85 85	96 96 95 95 94 94 94 94 93 93 92 92 91 91 90 90 90 89 89 88 88 88 87 87 87 87 87 86 86 86 86 86 86 86 86 85	99 98 98 97 96 96 96 99 94 93 93 93 92 92 92 92 92 92 99 90 89 89 88 88 88 88 88 88 88 88 87 87 87 86 86 86 86 86 86 86 87 88 88 88 88 88 88 88 88 88 88 88 88	101 100 100 99 98 98 98 98 97 97 96 95 95 95 95 92 92 91 90 90 90 90 90 90 90 89 88 88 88 88 88 88 88 88 88 88 88 88	103 103 101 101 101 101 100 100 100 99 99 98 96 95 95 94 93 93 93 93 92 92 91 91 90 90 90 90 88 89 88 88 88	106 105 105 104 103 102 101 100 100 99 98 97 97 97 96 96 95 95 95 95 94 93 93 93 92 92 92 91 91 91 90 90 88	109 108 107 106 106 105 104 103 102 101 100 100 100 100 99 98 98 98 99 97 97 97 99 99 99 99 99 99 99 99 99	1111 1110 1109 107 107 107 107 107 108 108 108 109 109 109 100 100 100 100 100 100 100	114 113 112 111 110 108 108 107 105 105 105 105 105 105 106 109 107 109 109 109 99 99 99 99 99 99 99 99 99 99 99 99 9	117 116 115 114 111 111 110 110 109 108 107 106 106 106 106 107 107 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 116 115 114 113 1112 1111 110 109 108 107 106 106 106 107 107 109 109 109 109 109 109 109 109 109 109	124 123 122 120 119 118 117 116 115 115 115 111 110 109 109 108 107 106 106 106 106 107 107 108 109 109 109 109 109 109 109 109 109 109	127 126 125 124 123 121 120 119 118 117 116 115 114 111 110 108 108 108 109 109 100 100 100 100 100 100 100 100
58 57 56 55 54 53 52 51 50 49 48 47 46 43 44 43 44 44 43 38 37 36 35 32 31 30 29 28 27 26 27 26 27 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20	81 80 80 80 80 80 80 80 80 80 80 80 80 80	82 81 81 81 81 81 81 81 81 81 80 80 80 80 80 80 80 80 79 79 79 79 79 79 79 79 79 79	83 83 83 82 82 82 82 82 82 82 82 81 81 81 81 81 81 80 80 80 80 80 80 80 80 80 80 80 80 80	84 84 84 84 84 85 83 83 83 83 83 85 82 82 82 82 82 82 82 82 82 82 82 82 82	85 85 85 85 85 84 84 84 84 84 84 83 83 83 83 83 82 82 82 82 82 82 82 82 82 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	87 87 87 86 86 86 86 86 85 85 85 85 85 84 84 84 84 83 83 83 83 83 83 83 83 83 83 83 83 83	89 88 88 88 87 87 87 87 87 86 86 86 86 86 85 85 85 85 84 84 84 84 84 84 84 84 82 83 83 83 83 83 83 83 83 83 83 83 83 83	90 90 90 89 89 88 88 88 88 87 87 87 87 87 86 86 86 86 85 85 85 85 85 85 85 85 85 85 85 85 85	92 92 92 91 91 90 90 90 89 89 88 88 88 88 88 88 86 86 86 86 86 86 86	94 94 94 93 93 93 93 92 92 92 91 91 90 90 90 89 88 88 88 88 87 87 87 87 86 86 86 86 86 85 85 85 85 85	96 96 95 95 94 94 94 93 93 92 92 92 91 91 90 90 89 88 88 88 87 87 87 87 87 87 86 86 86 86 86 86 86 86 85 85	99 98 98 97 96 96 99 99 99 99 99 99 91 91 90 90 90 90 90 89 89 88 88 88 88 88 88 88 88 88 88 88	101 100 100 99 99 98 98 98 98 99 95 95 95 95 94 94 93 93 93 92 91 90 90 90 90 90 89 88 88 88 88 88 88 88 88 87 87	103 103 101 101 101 100 100 100 99 99 98 96 96 95 94 94 93 93 93 93 93 93 93 93 99 99 99 98 98 98 98 98 98 98 98 98 98	106 105 105 104 103 102 101 100 100 99 98 98 97 97 96 96 95 95 94 93 93 93 93 92 92 91 91 91 91 90 90 88 88	109 108 107 106 105 104 102 101 100 101 100 100 100 100 99 98 98 98 98 99 97 96 99 99 99 99 99 99 99 99 99 99 99 99	1111 1110 1109 1009 1001 1001 1001 1001	114 113 112 111 110 109 108 107 105 105 105 105 105 107 109 109 100 100 101 101 101 101 101 101	117 116 115 114 111 111 111 110 109 108 107 106 106 106 106 105 107 109 109 109 109 109 109 109 109 109 109	120 119 118 117 116 115 1114 113 1112 1111 110 109 108 107 106 106 106 106 107 109 109 109 109 109 109 109 109 109 109	124 123 122 120 119 118 117 116 115 115 115 1115 1110 109 108 107 106 106 106 106 107 104 104 109 109 109 109 109 109 109 109 109 109	127 126 125 124 121 121 122 121 122 121 122 121 122 118 117 114 115 114 115 114 110 109 108 108 107 109 109 100 100 100 100 100 100 100 100
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Relative Humidity at Site