

# The Power of One Minute

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5th Golf Innovation Symposium

USGA®

# Poll Question

Which aspect of pace of play is most important to a recreational golfer's experience?

- 1/ Short round times
- 2/ Consistent pace for all groups
- 3/ No waiting occurs during round

# Poll Question

Which aspect of pace of play is most important to an elite golfer's experience?

- 1/ Short round times
- 2/ Consistent pace for all groups
- 3/ No waiting occurs during round



What is an Elite Golf Experience?





ON 580  
EAST OF GRAND AVE  
OVER 4 1/2 TONS

BUSES AND  
CARPOOLS ONLY  
San Francisco  
ONLY

END  
CARPOOL  
LANE  
600 FEET

580 Oakland 880  
San Jose

80  
San Francisco  
3 RIGHT LANES

14 9

EXIT  
9 9

FREE  
ROADWAY

ELITE EXPERIENCE

# Impact to Date



# USGA<sup>®</sup>

# Round Times Since 2013

	TEE INTERVAL (MINUTES)	AVERAGE ROUND TIME	ALLOTTED ROUND TIME	DIFFERENCE
<b>2018</b>		?		?
<b>2017</b>	11	4:49	4:53	-0:04
<b>2016</b>	11	4:57	4:50	+0:07
<b>2015</b>	10	4:48	4:38	+0:10
<b>2014</b>	10	4:42	4:44	-0:02
<b>2013</b>	10	4:42	4:41	+0:01



ELITE EXPERIENCE

# 2018 U.S. Junior Amateur



## Recommendations

- 1) 12-minute intervals
- 2) Starter's time



# Round Times

	AVERAGE ROUND TIME	ALLOTTED ROUND TIME
BALTUSROL C.C. LOWER COURSE	4:28:40	4:40:00
BALTUSROL C.C. UPPER COURSE	4:32:29	4:45:00

ELITE EXPERIENCE

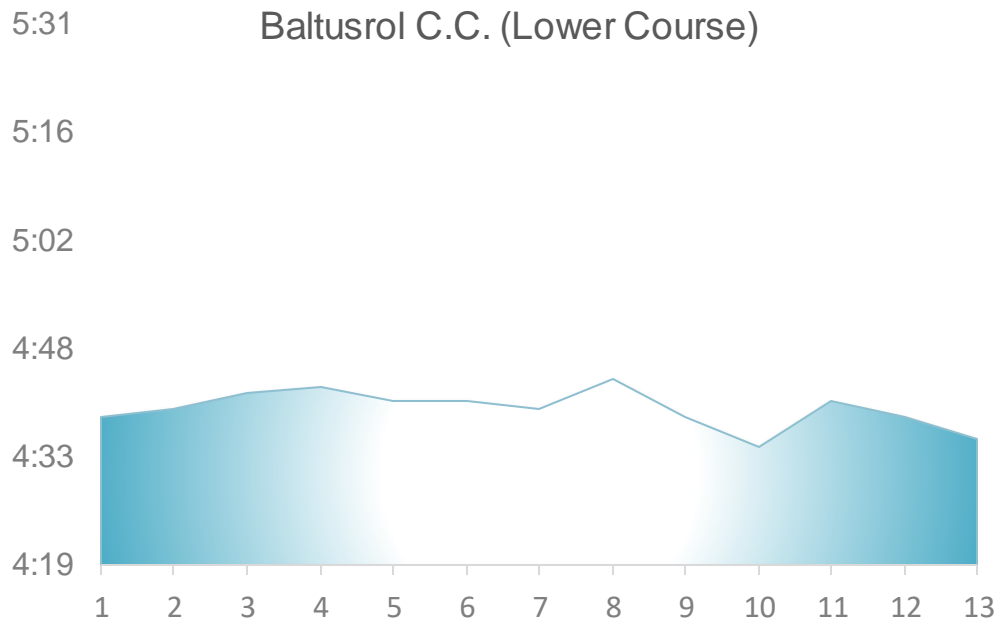
# Gap Time

1. Space between consecutive groups during round
2. As gap time increases, backup on course increases



# Maintaining the Pace

	LOWER COURSE	UPPER COURSE
MEDIAN GAP TIME	12:15	11:48





# Championship Director



We had excellent pace of play during the entire championship. We received overwhelmingly positive feedback from the committee and players experienced minimal waits on the golf course.



*Greg Sanfilippo*

JAPAN GOLF ASSOCIATION

# Japan Junior Golf Championship

Girls' 15-17 Division, 12-14 Division

- Kasumigaseki Country Club (East Course)
- 126 players off 1st and 10th tees
- 10-minute tee intervals



2018 JAPAN JUNIOR GOLF CHAMPIONSHIP

# Data Collection





# Round Times

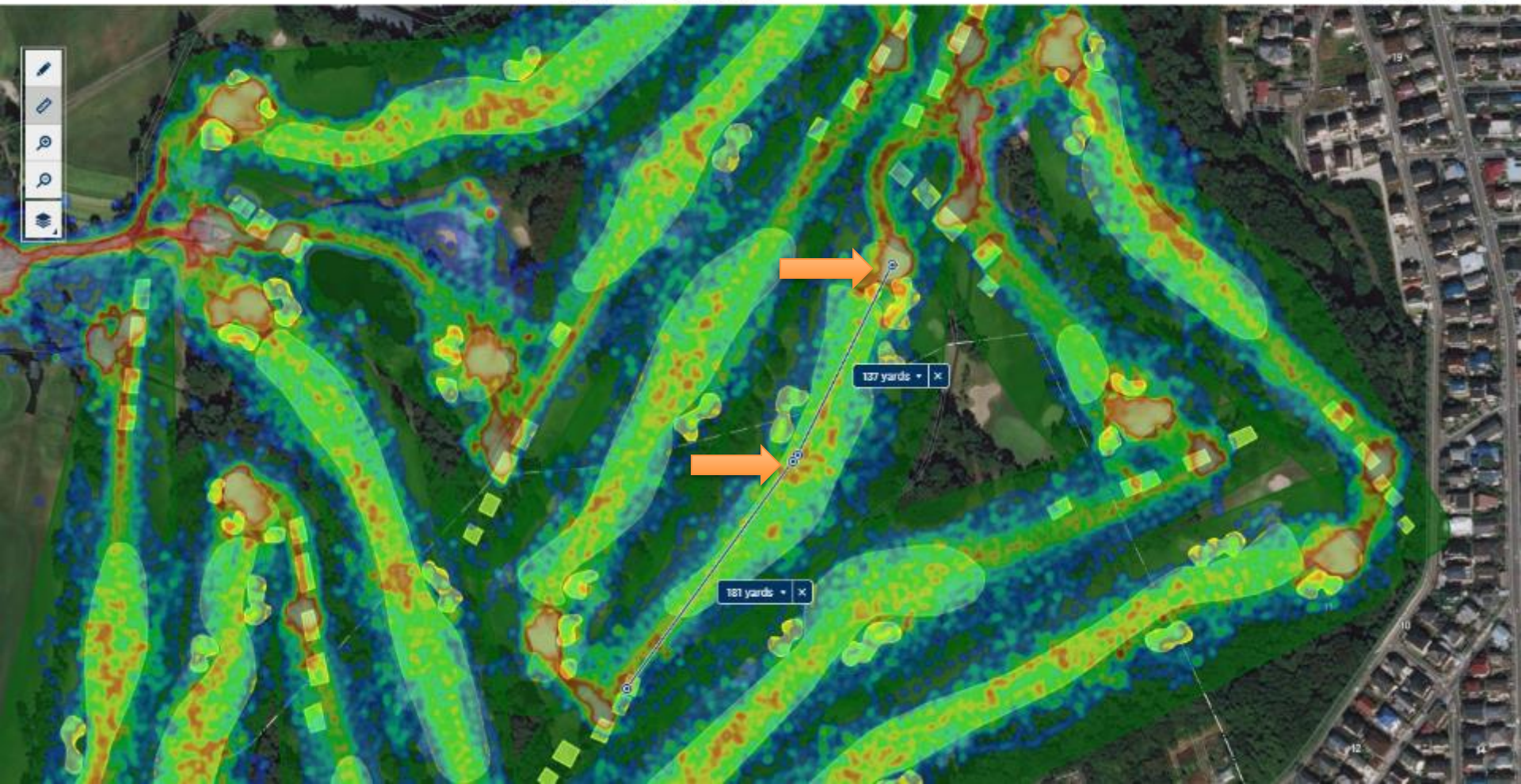
	1ST TEE	10TH TEE	ALLOTTED ROUND TIME
STROKE PLAY DAY 1	5:36	6:04	5:40
STROKE PLAY DAY 2	5:44	5:51	5:40

# Gap Times

	<b>1ST TEE</b>	<b>10TH TEE</b>	<b>STARTING INTERVAL</b>
<b>STROKE PLAY DAY 1</b>	00:10:50	00:10:45	00:10:00
<b>STROKE PLAY DAY 2</b>	00:11:43	00:10:02	00:10:00



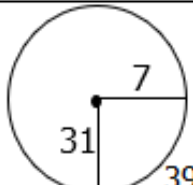
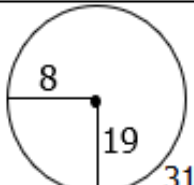
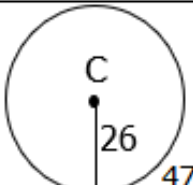
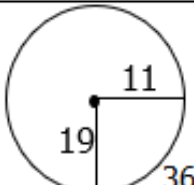
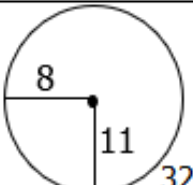
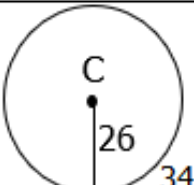
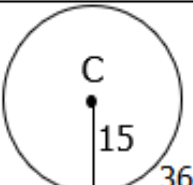
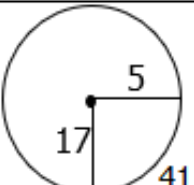
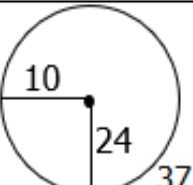








# Hole Location Sheets

<b>1</b> 	<b>2</b> 	<b>3</b> 	<b>4</b> 	<b>5</b> 	<b>6</b> 	<b>7</b> 	<b>8</b> 	<b>9</b> 
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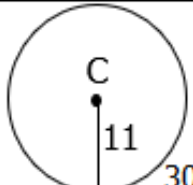
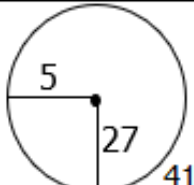
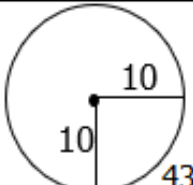
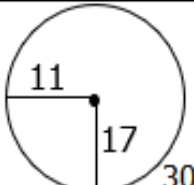
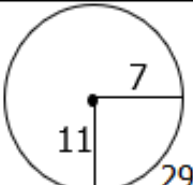
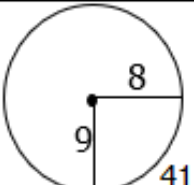
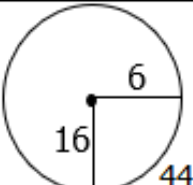
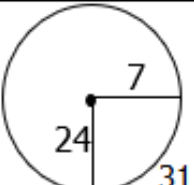
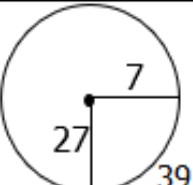
**HOLE LOCATIONS** Measurement are in yards  
2018 Japan Junior Golf Championship Girl's 15-17 Division

**JGA** JAPAN GOLF ASSOCIATION  
<http://www.jga.or.jp>

1st  
**ROUND**

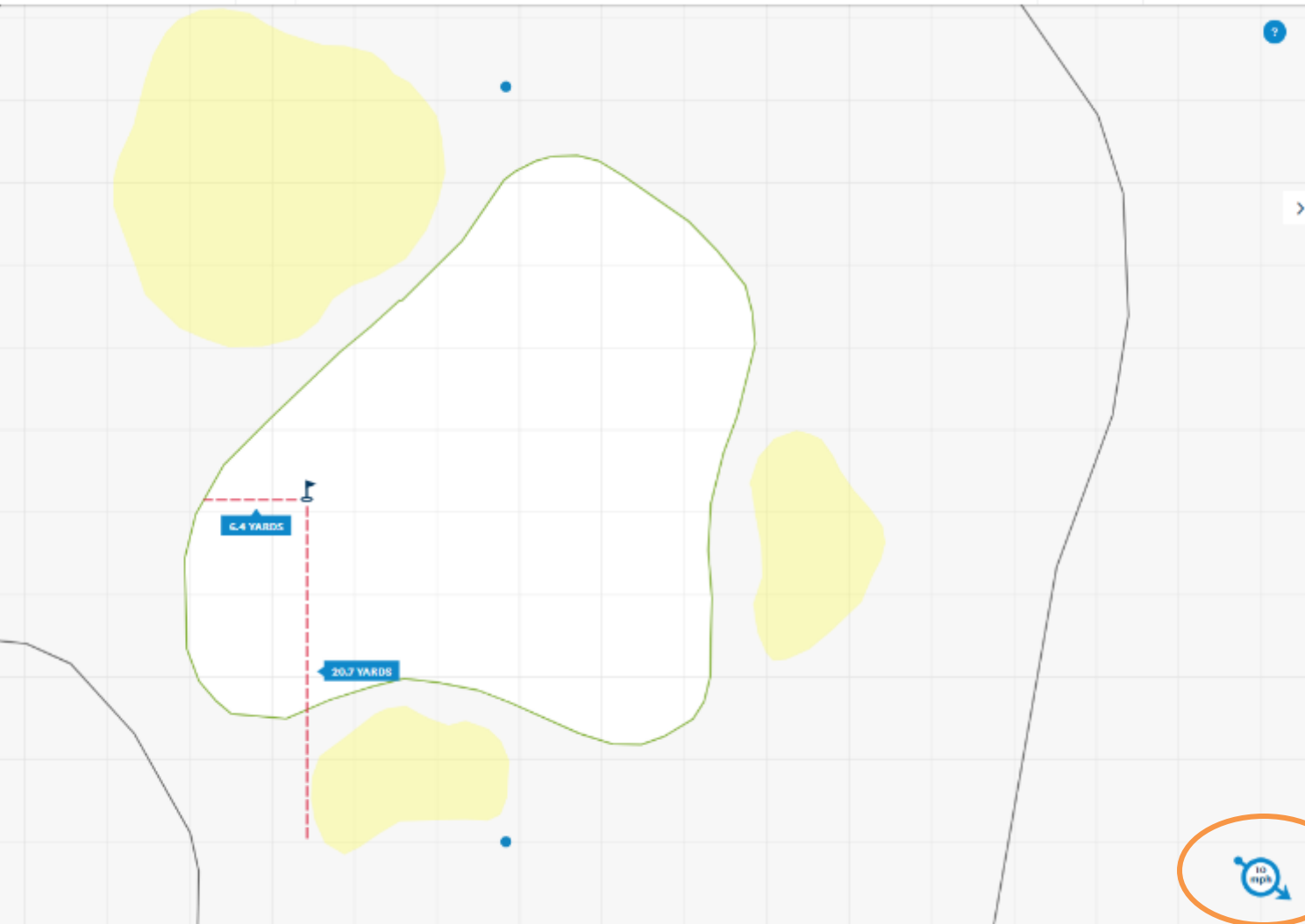
15. Aug. 2018  
**DATE**

Kasumigaseki Country Club East Course  
**COURSE**

<b>10</b> 	<b>11</b> 	<b>12</b> 	<b>13</b> 	<b>14</b> 	<b>15</b> 	<b>16</b> 	<b>17</b> 	<b>18</b> 
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## Hole Location

FRONT REFERENCE: 123-408882 / 28.002310      BACK REFERENCE: 123-408812 / 28.902310

DISPLAY ALL ROUNDES

HORIZONTAL: From left 0.4 yd

VERTICAL: From bottom 20.7 yd

SHOW BOTH LEFT AND RIGHT DISTANCE

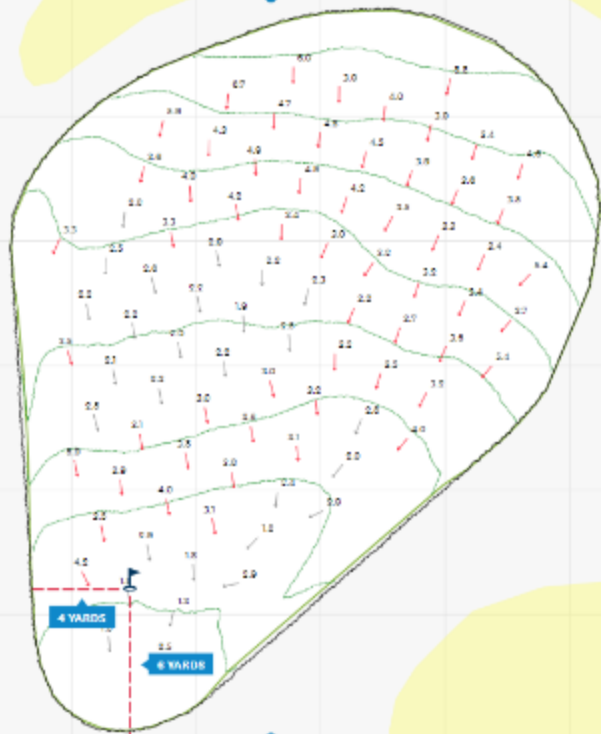
**WEATHER** 90 °F  
Peak Temp: 90 °F (at 12:00 am)  
Peak Wind: 15 mph (at 05:00 am)  
Humidity: 22%      Quantitative Precipitation: 0 in  
Dew point: 68 °F  
August 15th, 2018



SAVE CHANGES

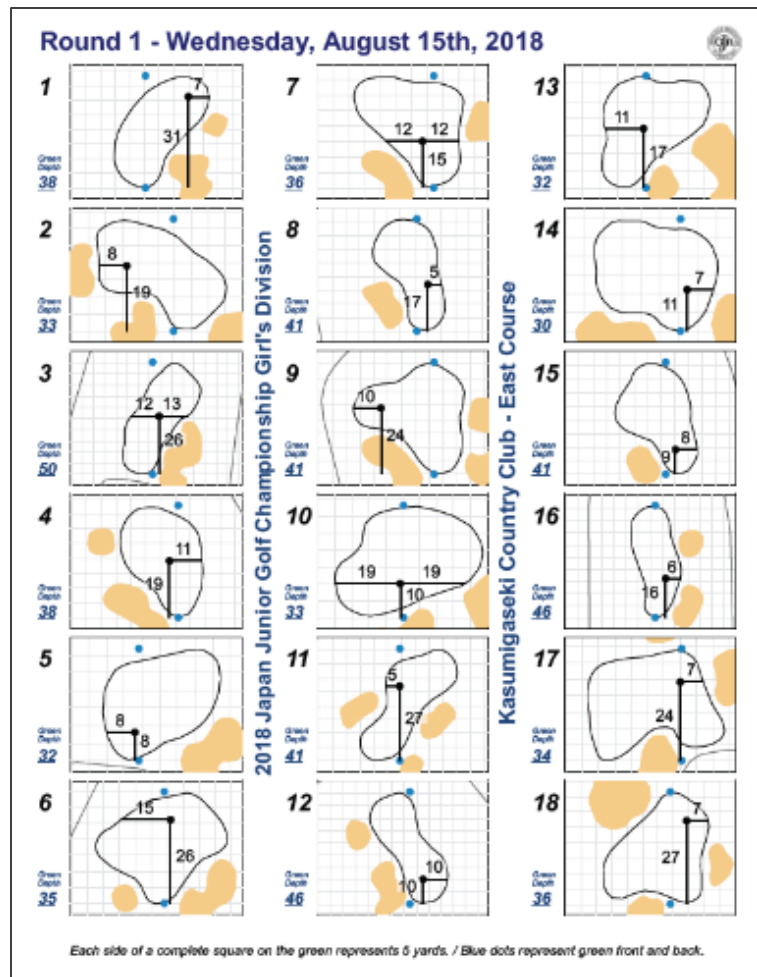
CANCEL

\* Each side of a complete square represents a yard





# Hole Location Sheet Generated by USGA Facility App



# Summary

- Consistent pace of play
- Detailed course setup information
- The power of one minute



# Thank you!

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5th Golf Innovation Symposium

**USGA**<sup>®</sup>