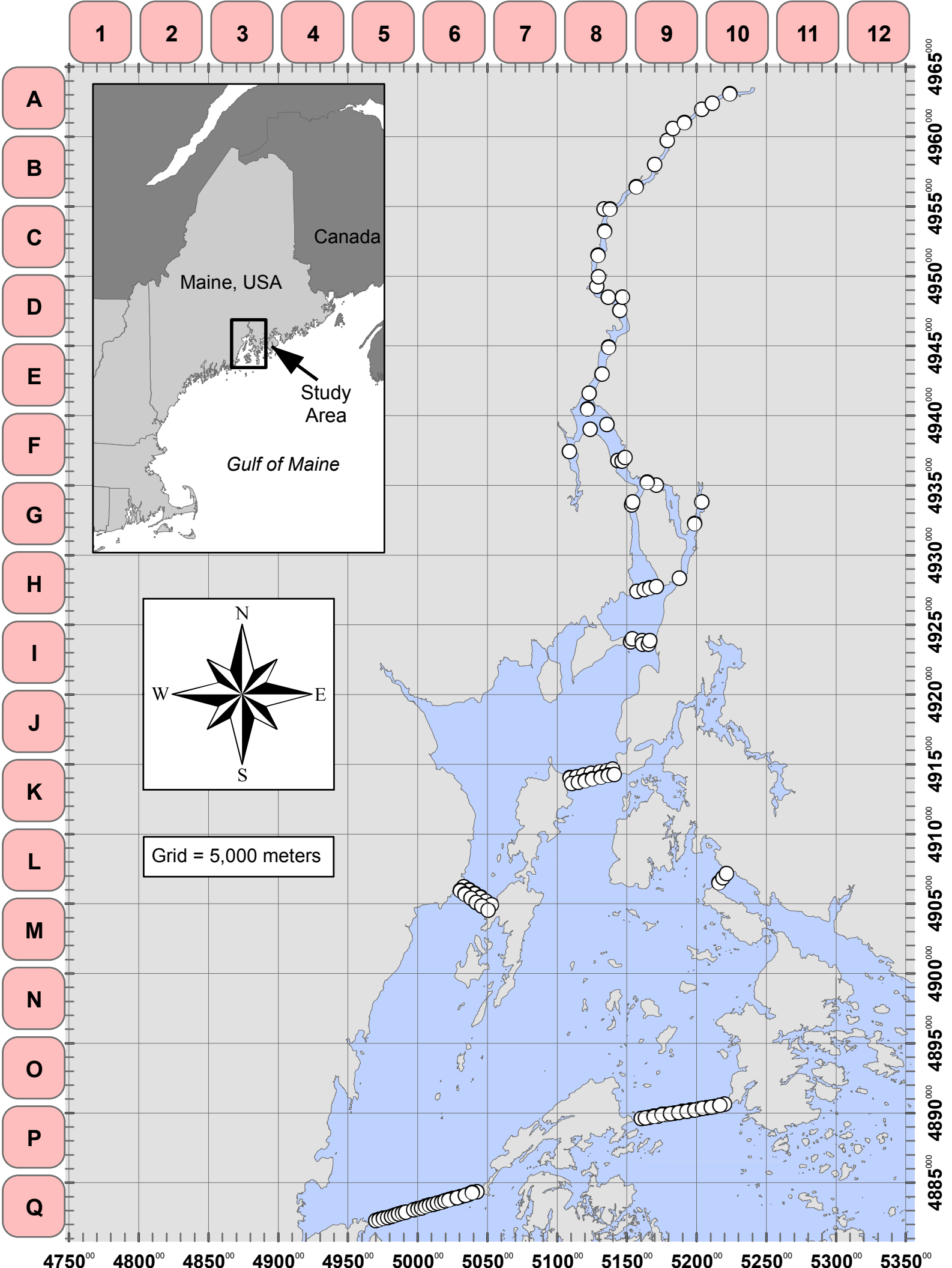
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Canada
Maine, USA
Study Area
Gulf of Maine
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W
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Grid = 5,000 meters
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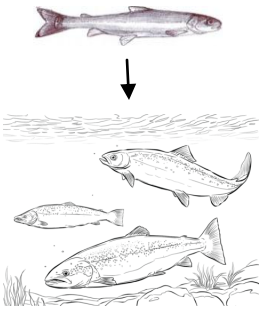
NOAA Outreach and Education on Protected Species: Atlantic Salmon



Name _____ Salmon # _____

1. Did your salmon smolt make it out of the river to the ocean? If not what do you think happened to your salmon?

2. Guess how many fish from the class made it to the ocean and how many did not. What dangers did they have to get past?

3. Did your fish go straight down the river? If not, what happened? Why? How long did it take them to get down river? (**Skip if playing the migration game)

4. Would time of day (daytime or night) or weather conditions impact the success of smolt migration?

5. How do these data help us with salmon conservation?

Salmon Survival Answer Key for Telemetry Data

In the river, the ratio of smolt that survive and make it to the ocean is ~40%. The provided data are for 30 distinct fish. There are 18 unsuccessful fish (60%) that die on their migration and 12 successful fish (40%) that go out into the ocean. If you are doing this activity with a class smaller than 30 students, use this answer key to pick out data sheets for your students so that the ratio remains 60/40.

Transmitter #	Fate	SuspectedPredator
22267	Successful	NA
22269	Successful	NA
22271	Unsuccessful	Avian
22279	Unsuccessful	
35316	Successful	NA
35319	Unsuccessful	Piscine or Mammal
35323	Successful	NA
35327	Successful	NA
35332	Unsuccessful	Piscine or Mammal
35341	Successful	NA
35356	Unsuccessful	Piscine or Mammal
35358	Successful	NA
35402	Unsuccessful	Piscine or Mammal
35429	Successful	NA
35440	Unsuccessful	Piscine
35445	Successful	NA
35460	Successful	NA
36372	Successful	NA
36377	Successful	NA
36392	Unsuccessful	Piscine
36396	Unsuccessful	Avian
36397	Unsuccessful	Piscine or Mammal
36401	Unsuccessful	Piscine
36402	Unsuccessful	Piscine
43111	Unsuccessful	Avian
43120	Unsuccessful	Piscine or Mammal
43148	Unsuccessful	Avian
43156	Unsuccessful	Piscine or Mammal
43197	Unsuccessful	Piscine or Mammal
43340	Unsuccessful	Piscine or Mammal

Your Atlantic Salmon survived!

You made the perilous journey downstream to the ocean! You were able to find plentiful zooplankton, favorable currents and cool conditions along the way to aid your travels! In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon survived!

You made the perilous journey downstream to the ocean! You were able to find plentiful zooplankton, favorable currents and cool conditions along the way to aid your travels! In an average year about 40% of the salmon smolt make it to the ocean.

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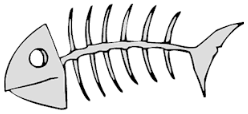
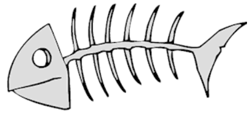
You made the perilous journey downstream to the ocean! You were able to find plentiful zooplankton, favorable currents and cool conditions along the way to aid your travels! In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



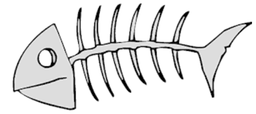
You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



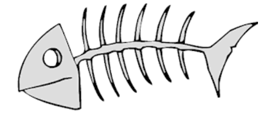
You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



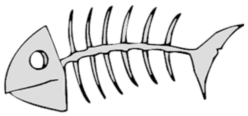
You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



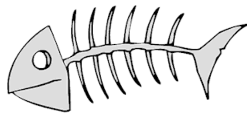
You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



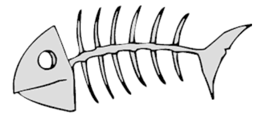
You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Your Atlantic Salmon did NOT survive!



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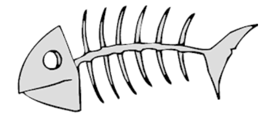
Your Atlantic Salmon did NOT survive!



You were unable to make the perilous journey downstream to the ocean! You may have been eaten by a predator such as a double-crested cormorant, harbor seal, or striped bass. You may have died due to unsuitable water temperatures, physical barriers to migration, or lack of food. In an average year about 40% of the salmon smolt make it to the ocean.

Salmon # 22267

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
April 30	12:32	5218	4962	A10
May 1	00:11	5189	4960	A9
May 1	00:28	5182	4960	A9
May 1	00:58	5178	4959	B9
May 1	01:12	5175	4958	B9
May 1	01:52	5172	4958	B9
May 1	02:36	5160	4956	B9
May 1	03:40	5137	4954	C8
May 1	04:22	5133	4953	C8
May 1	05:00	5126	4951	C8
May 1	07:30	5129	4949	D8
May 1	11:40	5128	4948	D8
May 1	12:12	5137	4948	D8
May 1	13:50	5144	4947	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
May 1	15:34	5131	4942	E8
May 1	14:43	5142	4945	D8
May 1	15:03	5137	4944	E8
May 1	16:38	5126	4939	F8
May 1	19:57	5121	4940	E8
May 1	20:56	5116	4940	E8
May 2	01:08	5135	4939	F8
May 2	03:01	5143	4936	F8
May 2	04:11	5154	4933	G9
May 2	04:17	5152	4933	G9
May 2	05:43	5162	4927	H9
May 2	05:44	5157	4927	H9
May 2	11:02	5170	4927	H9
May 2	14:50	5153	4923	I9
May 2	15:18	5152	4923	I9
May 2	15:25	5161	4923	I9
May 2	23:20	5135	4914	K8
May 2	23:29	5130	4914	K8
May 2	23:38	5131	4914	K8
May 3	16:38	5172	4889	P9
May 3	16:39	5175	4889	P9

Salmon # 22269

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
1-May	10:53	5218	4962	A10
1-May	15:53	5189	4960	A9
1-May	22:19	5182	4960	A9
1-May	23:21	5178	4959	B9
1-May	23:41	5175	4958	B9
2-May	8:02	5172	4958	B9
2-May	21:01	5160	4956	B9
3-May	0:54	5137	4954	C8
3-May	1:22	5133	4954	C8
3-May	1:41	5133	4953	C8
4-May	2:37	5126	4951	C8
4-May	3:31	5129	4949	D8
4-May	4:14	5128	4948	D8
4-May	4:45	5137	4948	D8
4-May	5:05	5144	4947	D8
4-May	5:53	5137	4944	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
4-May	6:52	5131	4942	E8
4-May	7:43	5116	4940	F8
4-May	18:07	5126	4939	F8
4-May	18:56	5143	4936	F8
4-May	21:10	5171	4934	G9
4-May	22:37	5146	4936	F8
5-May	0:30	5135	4939	F8
5-May	0:56	5121	4940	E8
5-May	4:36	5148	4936	F8
5-May	5:21	5154	4933	G9
5-May	5:34	5152	4933	G9
5-May	6:10	5157	4927	H9
5-May	6:11	5162	4927	H9
5-May	7:02	5161	4923	I9
5-May	7:04	5165	4923	I8
5-May	13:16	5130	4914	K8
5-May	13:17	5124	4914	K8
5-May	13:22	5118	4914	K8
5-May	13:26	5125	4913	K8
5-May	13:36	5120	4913	K8
6-May	6:08	5013	4883	Q6
6-May	6:10	5011	4883	Q6
6-May	6:18	5005	4883	Q6

Salmon # 22271

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
1-May	10:53	5218	4962	A10
2-May	23:01	5189	4960	A9
2-May	23:26	5182	4960	A9
2-May	23:55	5178	4959	B9
3-May	0:22	5175	4958	B9
3-May	0:40	5172	4958	B9
3-May	1:28	5160	4956	B9
3-May	2:34	5137	4954	C8
3-May	3:11	5133	4954	C8
3-May	6:05	5133	4953	C8
3-May	6:36	5126	4951	C8
3-May	6:54	5129	4949	D8
3-May	18:05	5128	4948	D8
3-May	18:32	5137	4948	D8
3-May	18:57	5144	4947	D8
5-May	3:02	5142	4945	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
5-May	3:42	5137	4944	E8
5-May	4:16	5131	4942	E8
5-May	4:46	5116	4940	E8
5-May	4:55	5121	4940	E8
5-May	6:48	5126	4939	F8
5-May	7:36	5143	4936	F8
5-May	7:39	5146	4936	F8
5-May	10:25	5171	4934	G9
5-May	15:46	5154	4933	G9
6-May	8:39	5172	4958	B9

Salmon # 22279

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
2-May	14:26	5218	4962	A10
2-May	23:23	5209	4962	A10
3-May	0:13	5202	4961	A10
3-May	0:45	5189	4960	A9
3-May	1:19	5178	4959	B9
3-May	1:32	5175	4958	B9
3-May	2:00	5172	4958	B9
3-May	3:03	5160	4956	B9
3-May	13:18	5137	4954	C8
3-May	13:32	5133	4954	C8
3-May	14:04	5133	4953	C8
3-May	14:52	5126	4951	C8
3-May	15:37	5129	4949	D8
3-May	16:09	5128	4948	D8
3-May	16:45	5137	4948	D8
3-May	17:04	5144	4947	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
3-May	17:52	5137	4944	E8
3-May	18:27	5131	4942	E8
3-May	18:55	5116	4940	E8
3-May	19:18	5121	4940	E8
3-May	23:43	5142	4945	D8
4-May	3:57	5124	4941	E8
4-May	4:28	5126	4939	F8
4-May	4:43	5135	4939	F8
4-May	5:09	5143	4936	F8
4-May	5:11	5146	4936	F8
4-May	5:50	5154	4933	G9
4-May	5:53	5153	4933	G9
4-May	7:01	5162	4927	H9
4-May	7:03	5157	4927	H9
4-May	8:34	5166	4923	I9
4-May	8:36	5165	4923	I9
4-May	15:11	5139	4914	K8
4-May	15:24	5141	4914	K8

Salmon # 35316

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
5- May	15:51	5218	4962	A10
5- May	20:25	5203	4961	A10
5- May	21:12	5191	4961	A9
5- May	22:09	5182	4960	A9
5- May	22:31	5178	4959	B9
5- May	22:35	5191	4961	A9
5- May	22:36	5178	4959	B9
5- May	23:12	5175	4958	B9
6-May	00:50	5156	4956	B9
6-May	2:17	5137	4954	C8
6-May	08:11	5156	4956	B9
6-May	09:54	5137	4954	C8
6-May	10:22	5133	4953	C8
6-May	10:51	5129	4951	C8
6-May	11:27	5129	4949	C/D 8
6-May	11:47	5136	4948	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
6-May	12:26	5144	4947	D8
6-May	13:00	5146	4945	D/E 8
6-May	13:12	5136	4944	E 8
6-May	14:02	5122	4941	E8
6-May	14:32	5123	4939	F8
6-May	17:51	5146	4936	F8
6-May	19:08	5135	4939	F8
6-May	19:23	5121	4940	E8
6-May	19:23	5135	4939	F8
6-May	23:48	5143	4936	F8
6-May	23:52	5148	4936	F8
6-May	23:53	5146	4936	F8
6-May	23:55	5146	4936	F8
7-May	0:48	5148	4936	F9
7-May	2:09	5154	4933	G9
7-May	2:21	5166	4927	H9
7-May	3:57	5166	4923	I9
8-May	2:20	5041	4905	L/M6
9-May	16:38	4980	4882	Q5

Salmon # 35319

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
5-May	15:51	5218	4962	A10
5-May	16:33	5211	4963	A10
7-May	12:14	5203	4961	A10
7-May	12:35	5191	4961	A9
7-May	12:56	5182	4960	A9
7-May	12:57	5178	4959	B9
7-May	13:32	5175	4958	B9
7-May	14:17	5156	4956	B9
7-May	14:47	5137	4954	C8
7-May	15:07	5133	4953	C8
7-May	15:27	5129	4951	C8
7-May	16:07	5128	4949	D8
7-May	16:38	5136	4948	D8
7-May	18:56	5144	4947	D8
7-May	23:32	5146	4945	D/E 8
7-May	23:59	5136	4944	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	0:02	5146	4945	D/E 8
8-May	0:07	5136	4944	E8
8-May	0:36	5132	4942	E8
8-May	0:58	5122	4941	E8
8-May	1:12	5121	4940	E8
8-May	2:26	5135	4939	F8
8-May	9:40	5121	4940	E8
9-May	16:18	5148	4936	F8
9-May	17:24	5154	4933	G9
9-May	18:51	5166	4927	H9
9-May	19:57	5161	4923	I9
10-May	1:52	5124	4914	K8
12-May	5:39	5017	4883	Q7
12-May	18:51	5032	4906	L6
13-May	8:44	5019	4883	Q6
14-May	3:48	5207	4890	O9
19-May	0:00	5119	4914	K8

Salmon # 35323

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
5-May	15:51	5218	4962	A10
5-May	16:34	5211	4963	A10
5-May	17:06	5191	4961	A9
5-May	23:55	5178	4959	B9
6-May	0:27	5175	4958	B9
6-May	8:33	5156	4956	B9
6-May	11:31	5137	4954	C8
6-May	15:40	5133	4953	C8
8-May	2:47	5129	4951	C8
8-May	3:47	5128	4949	D8
8-May	4:10	5136	4948	D8
8-May	12:34	5144	4947	D8
8-May	14:06	5146	4945	D8
8-May	14:27	5136	4944	E8
8-May	15:13	5132	4942	E8
8-May	15:29	5122	4941	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	15:39	5121	4940	E8
8-May	15:59	5123	4939	F8
8-May	16:39	5148	4936	F8
8-May	20:31	5135	4939	F8
9-May	1:23	5148	4936	F8
9-May	2:23	5165	4935	F9
9-May	2:46	5153	4933	G9
9-May	4:21	5166	4927	H9
9-May	6:11	5166	4923	I9
9-May	6:22	5165	4923	I9
9-May	6:35	5160	4923	I9
9-May	6:35	5161	4923	I9
9-May	14:04	5114	4914	K8
9-May	14:12	5115	4913	K8
12-May	4:16	5017	4883	Q6
12-May	4:32	5022	4883	Q6
12-May	4:35	5019	4883	Q6

Salmon # 35327

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
5-May	15:51	5218	4962	A10
5-May	19:13	5211	4963	A10
7-May	3:27	5191	4961	A9
7-May	4:13	5178	4959	B9
7-May	4:41	5175	4958	B9
7-May	11:56	5156	4956	B9
7-May	14:07	5137	4954	C8
7-May	14:34	5133	4953	C8
7-May	15:04	5129	4951	C8
7-May	15:48	5128	4949	D8
7-May	16:05	5136	4948	D8
7-May	23:53	5146	4945	D/E8
8-May	0:20	5136	4944	E8
8-May	0:58	5132	4942	E8
8-May	1:47	5122	4941	E8
8-May	2:04	5121	4940	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	2:39	5123	4939	F8
8-May	3:20	5148	4936	F8
8-May	4:40	5153	4933	G9
8-May	7:33	5157	4927	H9
8-May	12:06	5166	4923	I9
8-May	12:15	5160	4923	I9
9-May	13:22	5041	4905	L/M6
9-May	17:05	5045	4905	L/M6
10-May	4:10	5042	4905	L/M6
11-May	20:06	4972	4882	Q5
11-May	21:10	4975	4882	Q5
11-May	21:18	4978	4882	Q5
12-May	6:01	5005	4883	Q6
12-May	6:02	5008	4883	Q6
12-May	10:15	5019	4883	Q6

Salmon # 35332

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
6-May	17:10	5218	4962	A10
6-May	20:46	5211	4963	A10
6-May	21:33	5203	4961	A10
6-May	22:20	5191	4961	A9
7-May	9:23	5178	4959	B9
7-May	9:24	5175	4958	B9
7-May	12:15	5156	4956	B9
7-May	13:08	5137	4954	C8
7-May	14:53	5133	4953	C8
7-May	15:10	5129	4951	C8
7-May	15:23	5129	4949	D8
7-May	15:40	5136	4948	D8
7-May	16:11	5146	4945	D8
7-May	21:36	5136	4948	D8
7-May	21:48	5128	4949	D8
7-May	21:55	5129	4949	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
7-May	22:12	5129	4951	C8
8-May	2:21	5129	4949	D8
8-May	2:24	5128	4949	D8
8-May	2:36	5136	4948	D8
8-May	2:48	5144	4947	D8
8-May	3:05	5146	4945	D8
8-May	3:17	5136	4944	E8
8-May	3:31	5132	4942	E8
8-May	3:50	5121	4940	E8
8-May	4:16	5135	4939	F8
8-May	4:49	5148	4936	F8
8-May	5:35	5154	4933	G9
8-May	13:47	5135	4914	K8
10-May	23:59	5152	4923	I9
11-May	2:18	5154	4933	G9
11-May	4:25	5148	4936	F8
11-May	7:10	5135	4939	F8

Salmon # 35341

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
6-May	17:10	5218	4962	A10
6-May	20:50	5211	4963	A10
6-May	21:22	5203	4961	A9
6-May	21:51	5191	4961	A9
6-May	23:47	5182	4960	A/B9
7-May	1:06	5178	4959	B9
7-May	2:04	5175	4958	B9
7-May	22:13	5156	4956	B9
7-May	23:01	5137	4954	C8
7-May	23:59	5133	4953	C8
8-May	14:18	5129	4949	D8
8-May	14:21	5128	4949	D8
8-May	14:54	5136	4948	D8
8-May	15:43	5144	4947	D8
8-May	16:47	5146	4945	D8
8-May	16:49	5136	4944	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	22:26	5132	4942	E8
8-May	23:53	5122	4941	E8
9-May	1:15	5123	4939	F8
9-May	2:14	5148	4936	F8
9-May	3:04	5165	4935	F9
9-May	3:25	5153	4933	G9
9-May	5:11	5157	4927	H9
9-May	6:17	5166	4923	I9
10-May	2:23	5124	4914	K8
12-May	7:42	4980	4882	Q5

Salmon # 35356

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
7-May	18:31	5218	4962	A10
8-May	1:12	5211	4963	A10
8-May	2:24	5203	4961	A10
8-May	3:43	5191	4961	A9
8-May	4:30	5178	4959	B9
8-May	4:59	5175	4958	B9
8-May	17:54	5156	4956	B9
9-May	1:48	5137	4954	C8
9-May	3:17	5133	4953	C8
9-May	4:16	5129	4951	C8
9-May	5:12	5128	4949	D8
9-May	5:23	5136	4948	D8
9-May	5:55	5144	4947	D8
9-May	14:28	5136	4944	E8
9-May	15:02	5132	4942	E8
9-May	15:25	5122	4941	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	15:38	5121	4940	E8
9-May	15:54	5123	4939	F8
9-May	16:44	5148	4936	F8
9-May	16:49	5146	4936	F8
9-May	18:30	5154	4933	G9
9-May	18:30	5153	4933	G9
10-May	1:01	5146	4936	F8
10-May	1:20	5148	4936	F8
10-May	7:50	5123	4939	F8
10-May	9:05	5148	4936	F8
10-May	11:15	5153	4933	G9
10-May	11:24	5154	4933	G9
10-May	12:32	5162	4927	H9
10-May	15:41	5119	4913	K8
10-May	19:22	5135	4914	K8
10-May	22:19	5152	4923	I9
10-May	22:23	5153	4923	I9
11-May	0:32	5153	4933	G9
11-May	0:39	5154	4933	G9
11-May	8:47	5171	4927	H9
11-May	9:40	5161	4923	I9
11-May	12:45	5166	4923	I9

Salmon # 35358

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
7-May	18:31	5218	4962	A10
7-May	19:55	5211	4963	A10
7-May	23:16	5203	4961	A10
8-May	2:24	5191	4961	A9
8-May	7:24	5182	4960	A/B9
8-May	7:38	5178	4959	B9
8-May	12:26	5175	4958	B9
8-May	14:43	5156	4956	B9
8-May	16:14	5137	4954	C8
8-May	16:54	5133	4953	C8
8-May	19:56	5129	4951	C8
9-May	1:01	5129	4949	D8
9-May	1:05	5128	4949	D8
9-May	2:06	5136	4948	D8
9-May	2:58	5144	4947	D8
9-May	4:04	5136	4944	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	4:31	5132	4942	E8
9-May	4:56	5122	4941	E8
9-May	5:13	5121	4940	E/F8
9-May	5:37	5123	4939	F8
9-May	13:07	5148	4936	F8
9-May	15:38	5154	4933	G9
9-May	17:10	5166	4927	H9
9-May	17:22	5162	4927	H9
9-May	18:48	5166	4923	I9
9-May	18:52	5165	4923	I9
10-May	2:25	5131	4914	K8
10-May	2:39	5131	4914	K8
12-May	0:21	5050	4904	M6/7
12-May	0:42	5052	4904	M7
13-May	7:19	5048	4905	L/M6
14-May	16:07	4980	4882	Q5
14-May	16:16	4978	4882	Q5

Salmon # 35402

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
7-May	18:31	5218	4962	A10
7-May	19:49	5191	4961	A9
7-May	21:39	5178	4959	B9
8-May	0:41	5175	4958	B9
8-May	0:41	5178	4959	B9
8-May	0:44	5175	4958	B9
9-May	0:26	5156	4956	B9
9-May	3:03	5137	4954	C8
9-May	9:31	5133	4953	C8
9-May	12:48	5129	4951	C8
9-May	13:20	5128	4949	D8
9-May	14:19	5136	4948	D8
9-May	15:25	5146	4945	D8
9-May	15:44	5136	4944	E8
9-May	16:08	5132	4942	E8
9-May	16:30	5122	4941	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	16:43	5121	4940	E/F8
9-May	16:51	5123	4939	F8
10-May	1:21	5143	4936	F8
10-May	2:37	5165	4935	F/G9
10-May	2:49	5171	4934	G9
10-May	2:49	5165	4935	F/G9
10-May	3:34	5153	4933	G9
10-May	3:38	5154	4933	G9
10-May	5:07	5162	4927	H9
11-May	6:06	5041	4905	L/M6
11-May	6:16	5042	4905	L/M6
12-May	6:33	4978	4882	Q5
16-May	11:27	4969	4882	Q5
17-May	21:42	5025	4883	Q6
18-May	3:49	5131	4914	K8
18-May	3:56	5136	4914	K8

Salmon # 35429

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
9-May	18:26	5211	4963	A10
9-May	19:18	5203	4961	A10
9-May	19:45	5191	4961	A9
9-May	20:08	5178	4959	B9
9-May	20:48	5175	4958	B9
10-May	3:13	5156	4956	B9
10-May	4:30	5137	4954	C8
10-May	5:12	5133	4953	C8
10-May	6:24	5129	4951	C8
10-May	9:53	5129	4949	D8
10-May	10:03	5128	4949	D8
10-May	11:03	5136	4948	D8
10-May	14:28	5146	4945	D8
10-May	14:46	5136	4944	E8
10-May	15:12	5132	4942	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
10-May	15:30	5122	4941	E8
10-May	15:47	5121	4940	E8
10-May	16:18	5123	4939	F8
10-May	16:54	5148	4936	F8
10-May	18:40	5154	4933	G9
10-May	20:51	5157	4927	H9
10-May	22:41	5153	4923	I9
10-May	23:42	5160	4923	I9
10-May	23:56	5161	4923	I9
12-May	8:47	5213	4890	O9
12-May	8:49	5210	4890	O9

Salmon # 35440

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
8-May	21:43	5211	4963	A10
8-May	23:50	5203	4961	A10
9-May	0:36	5191	4961	A9
9-May	2:03	5178	4959	B9
9-May	2:25	5175	4958	B9
9-May	3:52	5156	4956	B9
9-May	6:16	5137	4954	C8
9-May	10:09	5175	4958	B9
9-May	10:22	5178	4959	B9
9-May	10:54	5191	4961	A9
9-May	11:31	5211	4963	A10
9-May	12:11	5191	4961	A9
9-May	13:50	5137	4954	C8
9-May	14:13	5133	4953	C8
9-May	14:43	5129	4951	C8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	14:59	5129	4949	D8
9-May	15:36	5128	4949	D8
9-May	18:52	5144	4947	D8
9-May	19:43	5136	4948	D8
9-May	20:05	5128	4949	D8
9-May	20:22	5129	4949	D8
9-May	20:51	5128	4949	D8
9-May	23:47	5129	4949	D8
10-May	0:01	5128	4949	D8
10-May	1:45	5121	4940	E8
10-May	2:01	5135	4939	F8
10-May	2:25	5148	4936	F8
10-May	9:49	5162	4927	H9
10-May	10:32	5166	4923	I9
10-May	14:29	5140	4914	K8
11-May	9:41	5139	4914	K8
11-May	9:48	5140	4914	K8
11-May	16:13	5139	4914	K8
11-May	16:44	5140	4914	K8
11-May	16:45	5139	4914	K8
10-Aug	13:14	5140	4914	K8

Salmon # 35445

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
10-May	13:16	5203	4961	A10
10-May	13:39	5191	4961	A9
10-May	14:11	5178	4959	B9
11-May	11:08	5156	4956	B9
11-May	16:12	5137	4954	C8
11-May	16:55	5133	4953	C8
11-May	17:47	5129	4951	C8
11-May	18:37	5136	4948	D8
11-May	18:41	5128	4949	D8
11-May	18:45	5136	4948	D8
11-May	20:07	5144	4947	D8
11-May	20:49	5146	4945	D/E8
12-May	9:55	5136	4944	E8
12-May	14:22	5132	4942	E8
12-May	14:37	5122	4941	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
12-May	14:56	5121	4940	E8
12-May	14:59	5122	4941	E8
12-May	14:59	5121	4940	E8
12-May	15:42	5135	4939	F8
12-May	16:20	5143	4936	F8
12-May	17:12	5165	4935	F/G9
12-May	17:40	5154	4933	G9
12-May	18:46	5166	4927	H9
12-May	20:02	5160	4923	I9
12-May	20:12	5152	4923	I9
13-May	5:00	5114	4914	K8
13-May	5:04	5119	4914	K8
13-May	5:06	5114	4914	K8
13-May	5:12	5115	4913	K8
13-May	5:12	5119	4913	K8
15-May	11:19	5198	4890	O/P9
15-May	11:37	5201	4890	O/P10
15-May	14:09	5193	4890	O/P9
15-May	14:13	5190	4890	O/P9

Salmon # 35460

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
9-May	2:11	5191	4961	A9
9-May	3:50	5178	4959	B9
9-May	12:44	5175	4958	B9
9-May	14:45	5156	4956	B9
9-May	15:45	5137	4954	C8
9-May	16:17	5133	4953	C8
9-May	18:12	5129	4951	C8
9-May	20:13	5129	4949	D8
9-May	20:31	5128	4949	D8
9-May	21:09	5136	4948	D8
10-May	1:48	5136	4944	E8
10-May	2:32	5132	4942	E8
10-May	3:03	5122	4941	E8
10-May	3:22	5121	4940	E8
10-May	3:54	5123	4939	F8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
10-May	4:26	5143	4936	F8
10-May	4:27	5146	4936	F8
10-May	5:39	5154	4933	G9
10-May	5:39	5153	4933	G9
10-May	7:17	5171	4927	H9
10-May	11:15	5166	4923	I9
10-May	11:31	5161	4923	I9
10-May	11:34	5160	4923	I9
10-May	11:34	5161	4923	I9
11-May	6:38	5160	4889	P9
11-May	10:50	5169	4889	P9
11-May	15:43	5198	4890	O/P9
11-May	15:44	5201	4890	O/P10
11-May	15:45	5198	4890	O/P9

Salmon # 36372

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
7-May	18:31	5218	4962	A10
7-May	20:14	5211	4963	A10
7-May	20:32	5203	4961	A10
7-May	21:24	5191	4961	A9
7-May	23:04	5182	4960	A9
8-May	0:13	5178	4959	B9
8-May	1:07	5175	4958	B9
8-May	3:55	5156	4956	B9
8-May	5:23	5137	4954	C8
8-May	15:32	5133	4953	C8
8-May	15:57	5129	4951	C8
8-May	16:42	5129	4949	D8
8-May	17:01	5128	4949	D8
9-May	13:43	5144	4947	D8
9-May	14:36	5146	4945	D/E8
9-May	14:54	5136	4944	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	15:21	5132	4942	E8
9-May	15:48	5122	4941	E8
10-May	1:34	5143	4936	F8
10-May	2:51	5165	4935	F/G9
10-May	2:55	5171	4934	G9
10-May	2:56	5165	4935	F/G9
10-May	3:01	5171	4934	G9
10-May	14:39	5166	4923	I9
10-May	14:46	5165	4923	I9
11-May	4:35	5048	4905	L/M6
12-May	15:47	5019	4883	Q6
12-May	15:53	5017	4883	Q6

Salmon # 36377

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
7-May	18:31	5218	4962	A10
7-May	19:41	5211	4963	A10
7-May	20:35	5191	4961	A9
7-May	22:19	5182	4960	A9
7-May	22:28	5191	4961	A9
7-May	23:55	5178	4959	B9
8-May	0:58	5175	4958	B9
8-May	3:28	5156	4956	B9
8-May	14:28	5137	4954	C8
8-May	15:11	5133	4953	C8
8-May	15:36	5129	4951	C8
8-May	16:28	5128	4949	D8
8-May	16:45	5136	4948	D8
9-May	1:04	5144	4947	D8
9-May	1:42	5146	4945	D/E8
9-May	2:32	5136	4944	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	3:03	5132	4942	E8
9-May	3:22	5122	4941	E8
9-May	3:43	5121	4940	E8
9-May	4:19	5123	4939	F8
9-May	7:08	5148	4936	F8
9-May	9:19	5135	4939	F8
9-May	12:38	5146	4936	F8
9-May	14:04	5165	4935	F/G9
9-May	14:57	5154	4933	G9
9-May	16:37	5166	4927	H9
9-May	16:54	5162	4927	H9
9-May	18:13	5160	4923	I9
10-May	17:00	5032	4906	L6
10-May	17:38	5034	4905	L/M6
11-May	17:06	5005	4883	Q6
11-May	17:07	5008	4883	Q6

Salmon # 36392

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
9-May	1:10	5203	4961	A10
9-May	1:58	5191	4961	A9
9-May	2:30	5182	4960	A9
9-May	3:24	5178	4959	B9
9-May	5:10	5175	4958	B9
9-May	8:02	5156	4956	B9
9-May	13:30	5137	4954	C8
9-May	14:17	5133	4953	C8
9-May	14:59	5129	4951	C8
9-May	20:46	5129	4949	D8
9-May	21:08	5128	4949	D8
10-May	1:05	5136	4948	D8
10-May	1:46	5144	4947	D8
10-May	4:06	5136	4944	E8
10-May	4:45	5122	4941	E8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
10-May	4:56	5121	4940	E8
10-May	5:33	5123	4939	F8
10-May	6:35	5146	4936	F8
10-May	6:36	5148	4936	F8
10-May	9:41	5135	4939	F8
10-May	12:25	5122	4941	E8
10-May	13:18	5121	4940	E8
10-May	14:42	5146	4936	F8
10-May	16:01	5165	4935	F9
10-May	16:32	5154	4933	G9
10-May	19:18	5153	4923	I9
10-May	21:06	5165	4923	I9
11-May	13:10	5139	4914	K8
12-May	0:33	5119	4914	K8
12-May	3:57	5161	4923	I9
12-May	9:23	5152	4923	I9

Salmon # 36396

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
8-May	21:29	5211	4963	A10
9-May	0:33	5191	4961	A9
9-May	1:22	5182	4960	A9
9-May	3:23	5178	4959	B9
9-May	4:06	5175	4958	B9
9-May	6:33	5128	4949	D8
9-May	6:51	5136	4948	D8
9-May	7:06	5144	4947	D8
9-May	8:16	5132	4942	E8
9-May	8:34	5122	4941	E8
9-May	11:12	5153	4933	G9
9-May	11:21	5154	4933	G9
9-May	22:35	5162	4927	H9
10-May	0:06	5153	4923	I9
10-May	0:09	5152	4923	I9

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
10-May	0:09	5153	4923	I9
10-May	0:10	5152	4923	I9
10-May	7:10	5153	4923	I9

Salmon # 36397

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
8-May	22:25	5211	4963	A10
8-May	22:45	5203	4961	A10
9-May	0:28	5191	4961	A9
9-May	0:54	5182	4960	A9
9-May	1:51	5178	4959	B9
9-May	4:45	5156	4956	B9
9-May	12:05	5137	4954	C8
9-May	13:03	5133	4953	C8
9-May	17:16	5129	4951	C8
9-May	21:41	5137	4954	C8
9-May	22:35	5156	4956	B9
9-May	23:24	5178	4959	B9
9-May	23:54	5191	4961	A9
10-May	0:27	5178	4959	B9
10-May	0:39	5175	4958	B9

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
10-May	1:15	5156	4956	B9
10-May	2:13	5137	4954	C8
10-May	2:37	5133	4953	C8
10-May	2:57	5129	4951	C8
10-May	3:10	5129	4949	D8
10-May	3:14	5128	4949	D8
10-May	3:26	5136	4948	D8
10-May	3:55	5146	4945	D8
10-May	4:05	5136	4944	E8
10-May	5:16	5146	4936	F8
10-May	5:51	5154	4933	G9
10-May	12:21	5121	4940	E8
10-May	12:33	5122	4941	E8
10-May	13:30	5136	4944	E8
10-May	13:55	5146	4945	D8
10-May	14:49	5144	4947	D8
10-May	16:03	5136	4948	D8
10-May	16:35	5128	4949	D8
10-May	19:59	5129	4951	C8
10-May	20:41	5133	4953	C8

Salmon # 36401

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
8-May	23:59	5211	4963	A10
9-May	1:39	5191	4961	A9
9-May	3:36	5178	4959	B9
9-May	3:37	5191	4961	A9
9-May	4:24	5182	4960	A9
9-May	5:16	5178	4959	B9
9-May	6:18	5175	4958	B9
9-May	10:50	5191	4961	A9
9-May	11:15	5203	4961	A10
9-May	11:29	5211	4963	A10
9-May	11:56	5203	4961	A10
9-May	12:11	5191	4961	A9
9-May	12:21	5178	4959	B9
9-May	12:43	5175	4958	B9
9-May	13:21	5156	4956	B9

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
9-May	13:48	5137	4954	C8
9-May	14:10	5133	4953	C8
9-May	14:42	5129	4951	C8
9-May	14:59	5129	4949	D8
9-May	15:13	5128	4949	D8
9-May	16:22	5144	4947	D8
9-May	19:43	5136	4948	D8
9-May	19:59	5128	4949	D8
10-May	0:29	5144	4947	D8
10-May	0:51	5146	4945	D8
10-May	1:36	5122	4941	E8
10-May	1:43	5121	4940	E8
10-May	2:01	5135	4939	F8
10-May	2:26	5146	4936	F8
10-May	2:53	5153	4933	G9
10-May	9:43	5157	4927	H9
10-May	13:52	5139	4914	K8
10-May	13:55	5140	4914	K8

Salmon # 36402

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
8-May	20:03	5218	4962	A10
9-May	0:28	5211	4963	A10
9-May	0:52	5203	4961	A10
9-May	2:08	5182	4960	A9
9-May	2:28	5178	4959	B9
9-May	5:10	5156	4956	B9
9-May	6:17	5137	4954	C8
10-May	2:39	5156	4956	B9
10-May	9:08	5137	4954	C8
11-May	20:50	5133	4953	C8
11-May	21:33	5129	4951	C8
12-May	0:02	5133	4953	C8
12-May	0:02	5129	4951	C8
12-May	0:04	5133	4953	C8
12-May	0:04	5129	4951	C8
12-May	3:32	5128	4949	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
12-May	3:32	5136	4948	D8
12-May	4:23	5144	4947	D8
12-May	5:44	5136	4944	E8
12-May	5:44	5146	4945	E8
12-May	5:46	5136	4944	E8
12-May	6:09	5132	4942	E8
12-May	6:25	5122	4941	E8
12-May	6:45	5121	4940	E8
12-May	6:46	5122	4941	E8
12-May	7:21	5123	4939	F8
12-May	8:34	5148	4936	F8
12-May	8:35	5135	4939	F8
12-May	11:14	5121	4940	F8
12-May	15:22	5123	4939	F8
12-May	16:23	5143	4936	F8
12-May	17:24	5154	4933	G9
12-May	18:27	5166	4927	H9
12-May	20:38	5166	4923	I9
12-May	20:44	5165	4923	I9
13-May	5:04	5139	4914	K8
13-May	5:06	5140	4914	K8
13-May	5:07	5136	4914	K8

Salmon # 43111

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
16-May	17:15	5218	4962	A10
18-May	1:01	5178	4959	B9
18-May	14:49	5169	4957	B9
18-May	14:58	5169	4957	B9

Salmon # 43120

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
17-May	15:40	5218	4962	A10
17-May	17:40	5203	4961	A10
17-May	17:57	5191	4961	A9
17-May	18:19	5178	4959	B9
17-May	18:41	5169	4957	B9
17-May	19:07	5156	4956	B9
17-May	19:45	5137	4954	C8
18-May	0:22	5129	4951	C8
22-May	8:48	5128	4949	D8
22-May	8:52	5136	4948	D8
22-May	9:14	5144	4947	D8
22-May	9:30	5146	4945	D8
22-May	11:10	5146	4936	F8
24-May	10:44	5121	4940	F8
24-May	11:33	5132	4942	E8
24-May	14:36	5136	4948	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
24-May	15:00	5128	4949	D8
24-May	16:25	5129	4951	C8
24-May	18:18	5133	4953	C8
24-May	18:40	5137	4954	C8
24-May	19:31	5156	4956	B9
24-May	21:00	5137	4954	C8
24-May	21:28	5133	4953	C8
24-May	22:13	5129	4951	C8
24-May	22:40	5128	4949	D8
24-May	22:44	5136	4948	D8
24-May	23:03	5144	4947	D8
24-May	23:35	5146	4945	D8
24-May	23:58	5136	4944	E8
25-May	0:53	5135	4939	F8
25-May	1:07	5143	4936	F8
25-May	1:36	5153	4933	G7
25-May	9:10	5171	4927	H7
26-May	1:16	5161	4923	I7
26-May	9:05	5119	4913	K6
27-May	20:20	5178	4889	P9
27-May	20:23	5175	4889	P9

Salmon # 43148

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
20-May	16:40	5218	4962	A10
21-May	2:18	5191	4961	A9
21-May	3:02	5178	4959	B9
21-May	3:26	5169	4957	B9
21-May	3:44	5156	4956	B9
21-May	7:10	5137	4954	B8
21-May	7:36	5133	4953	B8
29-May	22:55	5161	4923	I9

Salmon # 43156

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
20-May	16:40	5218	4962	A20
21-May	1:12	5178	4959	B9
21-May	1:42	5169	4957	B9
21-May	2:25	5156	4956	B9
21-May	6:30	5137	4954	C8
21-May	6:58	5133	4953	C8
21-May	8:06	5129	4951	C8
21-May	9:08	5129	4949	D8
21-May	9:37	5128	4949	D8
21-May	9:56	5136	4948	D8
21-May	12:54	5146	4945	D8
21-May	13:36	5144	4947	D8
21-May	14:16	5136	4948	D8
21-May	14:35	5128	4949	D8
21-May	15:38	5129	4949	D8
21-May	16:50	5128	4949	D8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
21-May	18:27	5146	4945	D8
21-May	19:05	5144	4947	D8
23-May	8:22	5136	4948	D8
23-May	8:50	5128	4949	D8
23-May	9:28	5129	4949	D8
23-May	9:51	5129	4951	C8
23-May	12:19	5128	4949	D8
23-May	12:47	5144	4947	D8
23-May	13:36	5136	4944	E8
23-May	14:31	5121	4940	E8
23-May	14:58	5135	4939	F8
23-May	16:23	5148	4936	F8
23-May	17:01	5135	4939	F8
23-May	18:39	5119	4941	E8
23-May	18:54	5132	4942	E8
23-May	19:37	5136	4944	E8
23-May	19:58	5146	4945	E8
23-May	21:39	5144	4947	D8
23-May	23:24	5136	4944	E8
24-May	0:10	5132	4942	E8
24-May	1:55	5119	4941	E8
24-May	2:24	5121	4940	E8
24-May	3:06	5148	4936	F8

Salmon # 43197

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
24-May	18:45	5218	4962	A10
24-May	20:16	5178	4959	B9
24-May	21:07	5169	4957	B9
25-May	8:49	5156	4956	B9
25-May	10:17	5137	4954	C8
26-May	1:05	5129	4951	C8
26-May	1:37	5144	4947	D8
26-May	1:54	5146	4945	D8
26-May	2:18	5132	4942	E8
26-May	2:21	5119	4941	E8
30-May	0:11	5132	4942	E8
30-May	0:37	5136	4944	E8
30-May	0:50	5146	4945	E8
30-May	1:11	5144	4947	D8
30-May	1:26	5136	4948	D8
30-May	2:29	5133	4953	C8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
30-May	2:45	5137	4954	C8
30-May	3:17	5156	4956	B9
30-May	5:04	5169	4957	B9
30-May	5:51	5178	4959	B9
30-May	6:19	5191	4961	A9
30-May	11:07	5230	4963	A10
30-May	12:03	5203	4961	A10
30-May	12:28	5191	4961	A9
30-May	12:54	5178	4959	B9
30-May	13:31	5156	4956	B9
30-May	16:31	5137	4954	C8
30-May	16:41	5133	4953	C8
30-May	17:03	5129	4951	C8
30-May	17:20	5128	4949	D8
30-May	17:46	5144	4947	D8
30-May	18:07	5146	4945	D8
30-May	18:15	5136	4944	E8
30-May	18:31	5132	4942	E8
30-May	18:38	5119	4941	E8
30-May	18:50	5121	4940	E8
30-May	19:01	5123	4939	F8
30-May	19:26	5143	4936	F8
30-May	20:31	5154	4933	G9

Salmon # 43340

Directions:

(1) Make sure you have a dry erase marker, map, telemetry worksheet, ruler, and pencil.
(2) The UTME (East) data applies to the x axis that runs along the bottom of your map.
(3) The UTMN (North) data applies to the y axis that runs along the right hand side of your map.
(4) We will find the first data point on your map as a group. The salmon fry were released at UTME 5218. They were released at UTMN 4962. Your telemetry station is located within square A10.
(5) Use your ruler to draw a line across from UTME 5218 and a line up from UTMN 4962. Color in the station marker they cross (or closest to their intersection).
(6) Use the UTME and UTMN data to color in the path your salmon took downstream.

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
25-May	18:15	5218	4962	A10
25-May	20:35	5211	4963	A10
25-May	20:47	5203	4961	A10
25-May	21:16	5191	4961	A9
25-May	22:05	5178	4959	B9
25-May	22:36	5169	4957	B9
25-May	23:06	5156	4956	B9
26-May	3:22	5137	4954	C8
26-May	3:35	5133	4953	C8
26-May	4:05	5129	4949	D8
26-May	4:55	5144	4947	D8
26-May	5:49	5146	4945	D8
26-May	6:41	5119	4941	E8
26-May	7:00	5121	4940	E8
26-May	8:11	5135	4939	F8
26-May	10:36	5108	4937	F8

Date	Time	UTME (x axis)	UTMN (y axis)	Grid
26-May	13:05	5143	4936	F8
27-May	1:07	5121	4940	F8
27-May	3:56	5119	4941	E8
27-May	4:31	5132	4942	E8
27-May	5:08	5136	4944	E8
27-May	5:21	5146	4945	E8
27-May	6:18	5128	4949	E8
27-May	6:30	5129	4949	E8
27-May	7:09	5133	4953	D8
27-May	7:59	5156	4956	C9
27-May	11:13	5137	4954	D8
27-May	11:37	5133	4953	D8
27-May	11:58	5129	4951	D8
27-May	12:08	5129	4949	E8
27-May	12:15	5128	4949	E8
27-May	12:30	5136	4948	E8
27-May	12:47	5144	4947	E8
27-May	13:06	5146	4945	E8
27-May	13:28	5136	4944	F8
27-May	13:52	5132	4942	F8
27-May	14:03	5119	4941	F8
27-May	14:24	5121	4940	F8
27-May	14:45	5135	4939	G8