

SF Bay Ospreys: Rosie and Richmond

www.sfbayospreys.org

Red = needs to be verified or updated, Purple = female

2023-0609 v34

	2017			2018			Days gone:	2019			Days gone:		2020			Days gone:	2021			Days gone:	2022			Days gone:	2023			Days gone:	
Rosie returns	3/5/17 11:50			3/2/18	16:19	164d 10h		2/23/19	14:20	162d		Rosie returns	3/5/20	7:16	161d		2/18/21	16:39	154d		3/7/22	9:32	177d 16h		3/1/23	16:09	182d		Rosie returns
Days b/w Rosie's return / egg laid	26d 12h			29d 4h				36d 2h 23				Days b/w Rosie's return / egg laid	25d 7h 24				34d 3h 26				30d				51d 1h				Days b/w Ro's return / egg laid
Days b/w first mating / egg laid												Days b/w first mating / egg laid																	Days b/w first mating / egg laid
Egg laid date	4/1/17	4/4/17	4/7/17	3/31/18	4/3/18	4/6/18 20:00		3/31/19	4/3/19	4/6/19		Egg laid date	3/30/20	4/2/20	4/5/20		3/24/21	3/27/21	3/30/21		4/5/22	4/8/22	4/11/22		4/21/23	4/26/23	None laid		Egg laid date
Egg laid time	20:06	16:47	Power out *	20:00	17:38	Power out §		16:12	14:21	12:11		Egg laid time	14:37	14:06	15:07		19:12	18:00	19:29		18:01	16:56	20:42		17:17	14:48			Egg laid time
Time between egg lays		68h 41m			69h 38m				70h 9m	69h 50m		Time between egg lays		71h 29m	73h 1m			70h 48m	73h 30m			70h 55m	75h 46m			117h 31m			Time between egg lays
Video	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	No, power out		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		Video	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>			Video
Days of incubation		37d 16h	37d 1h	38d 12h	37d 0h	35d 20h		38d 3h	36d 4h	35d 22h		Days of incubation	38d 15h	36d 10h	35d 18h		38d 2h	36d 13h	35d 21h			37d 23h	36d 20h			36d 15h			Days of incubation
Pip first seen		5/12/17 4:23	5/14/17 14:08							5/11/20 21:00		Pip first seen	5/6/20 20:40	5/8/20 18:11	5/9/20 20:07		4/30/21 17:43	5/2/21 18:00	5/4/21 15:11			5/16/22	5/18/22			5/18/22			Pip first seen
Pip to hatch		4h 39m	2h 54m							13 h 10 m		Pip to hatch	33 h 20 m	6 h 51 m	37 h 19 m		27h 16m	13h 13m	25h 44m			22h 10m	6h 1m						Pip to hatch
Egg hatched date	Egg removed 5/1/17 8:39	5/12/17 9:02	5/14/17 11:14	5/9/18 8:24	5/10/18 17:26	5/12/18 15:49		5/8/19 18:57	5/9/19 17:59	5/12/19 10:10		Egg hatched date	5/8/20 6:06	5/9/20 0:32	5/11/20 9:26		5/1/21 20:59	5/3/21 7:13	5/5/21 16:55		DID NOT HATCH	5/17/22 15:53	5/18/22 16:35		DID NOT HATCH	5/2/23 5:46			Egg hatched date
Egg hatched time		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		Egg hatched time	<a href="#">Short</a>	<a href="#">Long</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>			<a href="#">Click</a>	<a href="#">Click</a>			<a href="#">Click</a>			Egg hatched time
Video	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>		Video	<a href="#">Short</a>	<a href="#">Long</a>	<a href="#">Click</a>		<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click</a>			<a href="#">Click</a>	<a href="#">Click</a>			<a href="#">Click</a>			Video
First meal date (depends on fish delivery)		5/12/17 12:30						5/9/19 10:43	5/9/19 20:02	5/12/19 12:04		First meal date (depends on fish)	5/8/20 9:23	5/9/20 8:03	5/11/20 16:23		5/2/21 10:34	5/3/21 8:40	5/5/21 19:07			5/18/22 8:53	5/18/22 19:33			6/3/23 19:33			First meal date
First meal time								15h 46m	2h 3m	1h 54m		First meal time	3h 17m	7h 31m	6h 57m		13h 35m	1h 27m	2h 12m			17h 0m	2h 58m			26h 27m			First meal time
First meal since hatch		3h 28m										First meal since hatch																	First meal since hatch
Designation		RR1	RR2	RR3	RR4	RR5		RR6	RR7	RR8		Designation	RR9	RR10	RR11		RR12	RR13	RR14			RR15	RR16			RR17			Designation
Nickname				Eggroll	Mochi	Wibby		Alpha	Beta	Gamma		Nickname	Uno	Dos	Tres							A	B			Clipper			Nickname
Final name		Whirley	Rivet	Roemer	Victory	Brisa		Peace-up	Kiskasit			Final name	Lassen	Shasta	Tam		Poppy	Sage	Lupine			Brooks	Molate						Final name
Banding date		6/16/17	6/16/17	6/21/18	6/21/18	6/21/18		6/15/19	6/15/19			Banding date	6/16/20	6/14/20	6/14/20		6/5/21	6/5/21	6/5/21			6/18/22	6/18/22						Banding date
Banded leg (blue band)		Left	Left	Right	Right	Right		Left	Left			Banded leg (blue band)	Left	Left	Left		Left	Left	Left			Left	Left						Banded leg (blue band)
USFWS band ID		WB	ZR	VW	VU	VV		WP	ZK			USFWS band ID	ZD	WU	XV		ZP	WR	VZ			XA	WM						USFWS band ID
Weight at banding (g)		1,583	1,618	1,600	1,530	1,876		1,495	1,690			Weight at banding (g)	1,458	1,780	1,412		1,344	1,291	1,180			1,282	1,245						Weight at banding (g)
Possible sex (DNA verified 2019 on)		Female	Female	Male	Male	Female		Male	Female			Possible sex (DNA verified 2019 on)	Male	Female	Male		Male Female 1	Male	Male			Male	Male						Possible sex
Age at banding (days)		34d 15h	32d 13h	42d 16h	41d 7h	39d 8h		37d 5h	36d 6h			Age at banding (days)	36d 18h	35d 23h	33d 15h		34d 10h	33d 0h	30d 14h			31d 16h	30d 15h						Age at banding (days)
First hover (* = not first)												First hover (* = not first)	6/22/20 6 AM	6/25/20 6 AM	6/25/20 6 AM		6/19/21 10 AM	6/19/21 9 AM	6/21/21 8 AM	*		7/8/22 10 AM	7/11/22 7 PM						First hover (* = not first)
Fledge date		7/3/17	7/5/17	7/1/18	7/1/18	7/6/18		6/30/19	7/2/19			Fledge date	6/29/20	7/3/20	7/4/20		7/1/21	6/26/21	7/5/21			7/11/22							Fledge date
Fledge time		~9 AM	10:42	9:10	11:47			5:48 am/5:21 pm	8:03 pm^^			Fledge time	9:51	5:43	6:52		6:29	9:33	6:29			19:02							Fledge time
Videos		<a href="#">Click</a>	<a href="#">Click</a>	Need	Need	Need		<a href="#">Video1</a>	<a href="#">Video2</a>	<a href="#">Video1</a>	<a href="#">Video2</a>	Videos	<a href="#">Click</a>	<a href="#">Video1</a>	<a href="#">Video2</a>	<a href="#">Click</a>	<a href="#">Click</a>	<a href="#">Click 2</a>	<a href="#">Click 3</a>			<a href="#">Click</a>							Videos
Age at fledge (days)		51d 15h	51d 23h	52d 16h	51d 7h	54d 8h		52d 5h	53d 6h			Age at fledge (days)	51d 18h	54d 23h	53d 21h		60d 9h	54d 2h	60d 14h			55d 3h							Age at fledge (days)
Time from first hover to fledge												Time from first hover to fledge	6d 18h	7d 18h	9d 0h		11d 20h	7d 0h	13d 22h			3d 8h							Time from first hover to fledge
Last seen on nest: date		7/4/17	8/20/17	8/8/18	8/12/18	8/7/18		9/4/19	9/11/19	5/16/19		Last seen on nest: date	8/7/20	8/28/20	7/5/20		8/24/21	7/28/21	8/16/21		7/2/22	8/4/22	7/16/22		Memorial Video ▼	6/6/23	6		Last seen on nest: date
Last seen on nest: time		4:38	~10:30 AM	7:42	9:08	10:32		15:00	9:35	~5 AM***		Last seen on nest: time	6:56	14:57	14:28		9:56	15:17	19:36		10 PM	6:05 PM	1:54 PM			20:25			Last seen on nest: time
Age last seen on nest (days)		53	98	91	94	86		118	124	4		Age last seen on nest (days)	91	112	55		115	86	103		88	79	59		<a href="#">Click</a>	5			Age last seen on nest (days)
Last seen in the area: date		7/5/17	7/19/19			9/2/18		10/1/19				Last seen in the area: date			7/6/20							7/28/22							Last seen in the area: date
Last seen in the area: time		~2 PM **	~5 miles away Pt. Orient			morning RYC nest		^^^				Last seen in the area: time			~10:30 AM ^^														Last seen in the area: time
Last seen in the area: where								See notes				Last seen in the area: where																	Last seen in the area: where
Age when last seen (days)		53	98	91	94	112		145	124	4		Age when last seen (days)	91	112	56		115	86	103			79				5			Age when last seen (days)
First seen as adult: date		<a href="#">Video of --&gt;</a>	5/16/19		5/9/20							First seen as adult: date	4/18/2023		Memorial Video ▼						Video ▼	Last seen for visiting juvie	Memorial Video ▼						First seen as adult: date
First seen as adult: time			13:49		~ 7 am							First seen as adult: time									<a href="#">Click</a>	8/8/22 8:15 AM	<a href="#">Click</a>						First seen as adult: time
First seen as adult: where			Nest cam		Near Pt San Pablo†							First seen as adult: where	Coyote Point 4		<a href="#">Click</a>														First seen as adult: where
Rosie last seen for season		Morning of	9/19/17		Morning of	9/14/18			Morning of	9/26/19		Rosie last seen for season		Morning of	9/17/20			Morning of	9/10/21			Morning of	8/31/22			Morning of			Rosie last seen for season
How long did Rosie stay?			198d			196d				215d		How long did Rosie stay?			196d				204d				177d						How long did Rosie stay?
Days b/w last juv & Rosie's departures		30	<a href="#">Video</a>		33				15			Days b/w last juv & Rosie's departures		20				17				23							Days b/w last juv & Rosie's departures
		2017			2018				2019					2020				2021				2022				2023			

Footnotes

- \* Egg laid between 4/6/17 9 pm and 4/7 4 pm, power out due to storm. Calculations based on egg being laid on 4/7/17 at 10 am.
- § Egg laid between 4/6/18 8 pm and 4/7/18 9 am, power out due to storm. Calculations based on egg being laid on 4/6 at 8 pm.
- \*\* Euthanized by WildCare on 7/8/17 due to injuries sustained 7/4
- \*\*\* Died of exposure during unseasonably cold storm
- ^ WP Peace-up inadvertently fledged to the crane platform below the nest in the morning, then intentionally flew to the cable in the afternoon
- ^^ Kiskasit inadvertently fledged to the crane platform, stayed overnight, flew off at 5:51 am (9.8 hr total), spent 6 hrs on the crane, returned to platform at 11:52 am, left platform at 4:25 pm (~4.5 hrs) and finally returned to nest 7/3 at 4:27 pm, ~20.5 hrs between fledge and return to nest
- † Tony Brake observed an Osprey with two bands, one which read VU, on a piling near Pt San Pablo (~5 mi from nest) with a Striped Bass. See video page for video.
- ^^ WP Peace-up fell from a tree 10/1/19 and died shortly after in Corte Madera, CA. No obvious injuries, no known cause of death.
- †† XV Tam flew from the boom 7/5, was found behind Riggers Loft the morning of 7/6. Surgery by IBR 7/10 for broken leg, ultimately euthanized 7/26 (76 days old) after a rapid decline.
1. ZP Poppy and VZ Lupine were originally thought male due to weight, but DNA testing indicates they are female.
2. WR Sage inadvertently fledged to the west rail on 6/25/21, then intentionally fledged to the boom cable at 9:33 am on 6/26.
3. VZ Lupine inadvertently fledged to the east rail on 7/2/21, then intentionally fledged to the boom cable at 6:29 am on 7/5.
- 2022 Season: Richmond broke the rear talon on his left foot. Potential impacts: fishing ability, CK ability. Molate WM fell off the nest to the platform below and died of unknown causes 7/16. Exhibited health issues such as labored breathing, trouble swallowing, and decreased energy. | Egg video said 82 days but Egg 1 lasted 88 days.
- 2022 Season: An unbanded juvenile chased Brooks/XA away from the nest multiple times on the morning of 7/26. Brooks was seen at the Wharf St nest 7/27 and 7/28, and returned once to this nest on 8/4/22. | DNA results rec'd 8/4/22 confirmed both nestlings to be male, which was consistent with mass at banding.
4. An Osprey pair was reported to Tony Brake by the Coyote Point Harbormaster. The male was confirmed to be Lassen ZD from the 2020 cohort. The platform is 21.9 miles from the Whirley crane.
5. It was initially unknown when the first egg hatched if it was the first egg or second, but egg ID proved it to be the second egg. See discussion: <https://www.facebook.com/photo/?fbid=637355438420752&set=a.465875495568748>
6. Clipper most likely died between 8:25 pm 6/6 (last seen) and early the following morning (not seen from 5:50 am 6/7 on). Cause unknown.

Footnotes

Average age females leave nest 106d

Average age males leave nest 90d

WP 20d

Average length Rosie's migrant 167d 0h

Average date Rosie departs: 14