

t

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
1	london_camberwell	London, Camberwell	51.4642704, -0.0982379, 63m	streamplayer	http://locusonus.org/soundmap/035/	[03:58] (04:48) 05:27 05.00	+0	5.00	
2	RSBP	Hampstead Heath, London				[03:58] (04:48) 05:27 05.15	+0	[5.05]	
3	goshawk cam	New Forest			http://www.newforestgateway.org/Wildcam/LiveCameras/tabid/117/Default.aspx			5.05	close up of goshawk on nest with camera or other humming noise and other birds in background

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
4	SARC (Locus Sonus)	Belfast	54.5804958, -5.9376887			[03:58] (04:56) 05:39	UTC 0+1 0 hrs	[5.10]	The entrance hall at the Sonic Arts Research Centre
	Rui Chaves	Belfast			http://mixlr.com/rui-chaves/			5.10	At home
5	Naledi, S Africa			nice audio; cams sound same as audio? check night sounds ie start early?	http://www.africam.com/wildlife/naledi_live_channel	[05.47] (06.15) 06.40 06.00	1 hr ahead	5.15	could start earlier to catch night sounds? check

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
6	Allen bird cam	Pretoria, S Africa				[05.41] (06.08) 06.32 06.00	1 hr ahead	5.30	This is a live feed of wild birds and other critters from Pretoria (Tshwane), Gauteng, South Africa. With the Allen BirdCam you will see many different native birds and even small animals such as Bushbabies(Galago Primates) and large spotted genets(mongoose and wild cat family) at night and more. More information about this camera can be found at allenbirdcam.com - See more at: http://sportsmansparadiseonline.com/Allen_Birdcam.html#sthash.7ZzJGTDT.dpuf

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
7	Pete's Pond	Mashatu, Botswana. Southern Africa			http://sportsmansparadiseonline.com/Mourning_Dove_Nest.html	[05.49] (06.16) 06.39 05.50?	1 hr ahead	5.45 but potentially interesting for some time	<p>We are at a waterhole named "Pete's Pond". Many different types of wildlife come to Pete's Pond including elephant, impala, lions, warthogs, eland and baboons to name a few. Pete's Pond is located in the Mashatu Game Reserve in Botswana, Africa</p> <p>It is one of the oldest and best known wildlife cams. The camera is controlled remotely by pondies. You can sometimes here the motor repositioning the camera and zooming in or out to focus on wildlife around or in the pond.</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
8	wild boar cam			night only	http://sportsmansparadiseonline.com/Wildlife_Cam.html			[6.00]	check if it is on at night
9	Nkorho Pan, S Africa			long loud ads pretty good audio on 8 APR daytime	http://www.africam.com/wildlife/nkorho_pan_webcam	[05.47] (06.15) 06.40 05.30	1 hr ahead	6.05	The Nkorho Pan waterhole is located at Nkorho Bush Lodge in the North Eastern corner of the Sabi Sand Game Reserve about 1km (0.62 miles) from the unfenced boundary with the Kruger National Park. The Pan is situated at the bottom of an open plain, about 250m from Nkorho Bush Lodge with the camera located on top of a termite mound on the Eastern side.

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
10	Iberian Margin hydrophone		35.321962 -7.483020	select from site right	http://listentothedee.com/acoustics/index.html		(06.07) 06.34	6.35	
11	Tembe, S Africa			long loud ads; nice audio	http://www.africam.com/wildlife/tembe_webcam	[05.47] (06.15) 06.40 05.30	1 hr ahead	6.45	
12	Idube, S Africa			audio cable damaged - if still damaged, go to next	http://www.africam.com/wildlife/idube_webcam	[05.47] (06.15) 06.40 05.30	1 hr ahead	[]	
13	Elephant Plains, S Africa			currently down - back up 22 APR	http://www.africam.com/wildlife/elephant_plains_webcam	[05.47] (06.15) 06.40 05.30	1 hr ahead	[]	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
14	Air traffic signals from Azores		37.8071696 -25.4943519	listen from site right: choose Azores	http://www.liveatc.net/feedindex.php?type=hf	[05.41] (06.15) 06.44 06.00	UTC 0 1 hour behind London	7.15 lay over previous	
15	PALAOA	Ekström Shelf Ice, Atka Bay, north-eastern Weddell Sea	-70.666667 -8.266667	streamplayer http://icecast.awi.de:8000/PALAOA.OGG	http://www.awi.de/en/research/research_divisions/climate_sciences/observational_oceanography/oceans_acoustic_lab/palaoa/palaoa_livestream/	(09.00) (approx)	0 difference from London	7.45	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
16	Air traffic control, Oceanic frequencies	Amherst, New Hampshire		HF NAT-A 5598/13306	http://www.liveatc.net/feedindex.php?type=hf	[4:25] (5.04) 04.45	UTC -5+1 5 hr behind	8.30 to 8.45 overlay	
17	Air traffic control, New York	Stamford, Connecticut		HF CAR-A 6577/5550	http://www.liveatc.net/feedindex.php?type=hf	[04:41] (05.18) 05.48 05.00	UTC -5+1 5 hr behind	8.45 overlay	
18	Robin Renwick (Locus Sonus mobile)	Brazil coast				[04:55] (05.20) 05.42 05.15	Rio: 4 hours behind	9.00 9.15 cut overlays	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
19	World Land Trust	Brazil forest		rainforest cam intermittent? currently no audio	http://www.worldlandtrust.org/webcams		4 hours behind		
20	Barnegat, Waretown (Ocean) and Long Beach Island Police Live Audio Feed	New Jersey, Ocean County NYC	39.7664595 -74.2812723		http://www.broadcastify.com/listen/feed/9772	[04.51] (05.26) 05.55 05.10	5 hrs behind	9.35 or 9.45 overlay to 9.45	
21	Osprey nest	Bremen, Maine		live cam at explore	http://explore.org/live-cams/player/live-osprey-cam	sunrise 05.42	5 hrs behind	9.45	audio with resonant hum

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
22	Puffins at Seal Island	Maine		live cam at explore off air 22 APR	http:// explore.org/ live-cams/ player/puffin- loading- ledge-cam		5 hrs behind	[9.50]	
	Owen Chapman	Montreal				[4:25] (5:07) 5:40 04.50		9.50	
23	statue of liberty cam: live streaming view from the torch	New York		general sound -	http:// www.earthca m.com/usa/ newyork/ statueoflibert y/? cam=liberty_ hd			9.55	long view over the bay towards Manhattan

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
24	barred owl nest box cam	new york			http://sportsmansparadiseonline.com/Barred_Owl_Nest_Box_Cam.html	[04.44] (05.21) 05.51 05.00	5 hr behind	10.00	inside the box with owl breathing; traffic noise; good sound you can see the owl with its eyes close up and sometimes you can hear loud dramatic cries around 6.30 AM
25	grey squirrel nest	Honeoye Falls, NY		audio from inside the nest, with sounds from outside in woodland; some buzz; but good	http://sportsmansparadiseonline.com/Live_Gray_Squirrel_Nest.html			10.10	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
26	Cornell_Lab_FeederWatch	Ithaca, NY	42.4422877 -76.4983749		http://cams.allaboutbirds.org/channel/40/	(05.35) 05.15	5 hrs behind	[10.15]	down (24 MAR)
27	Jessica Thompson, Marc Crain	Toronto, Little Italy			http://locusonus.org/soundmap/035/ http://locus.creacast.com:9001/toronto_little_italy	[4:56 AM] (5.36) 6.07 05.15	5 hrs behind	10.15	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
28	ED-Wildlife	Illinois			http://www.ustream.tv/channel/ed-wildlife	[04.35] (05.12) 05.43 04.45	6 hrs behind	10.20	good dawn chorus from early (at least 10.30 London time, maybe earlier) with some bass, traffic?
29	Bluebird cam	Parkton, Maryland	39.6409373 -76.6591375		http://birdnestlive.com/	[05.00] (5.35) 06.04 05.20	5 hrs behind	10.25	nestboxes and a birdfeeder; 2 cams, one with audio; buzzing
30	Virginia bird feeder	Dumfries, Virginia	38.5669314 -77.3202101	LOUD ADVERTS	http://www.mangolinkcam.com/webcams/birds/va-birdfeeder.html	[05.04] (05.39) 06.08 05.20	5 hrs behind	10.30	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
31	HF amateur radio	Dillon County, South Carolina	34.4197245 -79.370247		<a href="http://www.broadcas
tify.com/listen/
feed/15433/
web">http:// www.broadcas tify.com/listen/ feed/15433/ web	[05.25] (05.57) 06.24 05.30	UTC -4 5 hrs behind london	10.35	This Feed will Host Several Amateur Radio HF Nets Around the Nation... Most Of These Nets Will Occur During the Evening Hours EST You May ONLY Hear one sided conversations from MY Station due to Band Conditions This is NORMAL. Many More to Come when we find them... Even Though this Station is Located in Dillon County, South Carolina. Stations can be Heard WORLDWIDE including YOUR current location We are using an Icom IC-R75 Receiver ONLY Antenna is a Dipole Hung at @50 feet between some Pecan Trees

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
32	Ontario_FederWatch /	Manitouwa dge, Ontario	46.939225,-83.38606	cam still down 22 APR	http://cams.allaboutbirds.org/channel/38/	[05.12] (05.57) 06.33 05.30	5 hrs behind	[10.35]	offline. check in 1-2 weeks
33	Forest, Virginia VLF	Forest, Virginia: Mike Smith	37.34385 79.28818		http://67.207.143.181:80/vlf35	[05.16] (05.50) 06.18 05.30	5 hrs behind	10.40	http://abelian.org/vlf/

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
34	wood duck nest box	Holt Lake near Smithfield, North Carolina ADS - V LOUD		v good audio from inside the nest box, with sounds of waterfowl etc outside. second outside cam below - geese etc - good; a view of a lake edge	http:// sportsmanspa radiseonline.c om/ Wood_Duck_ Nest.html			10.45	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
35	warhol earthcam	Pittsburgh	40.4313684 -79.9805005		http://www.earthcam.com/usa/pennsylvania/pittsburgh/warhol/	[05.09 (05.46) 06.16	5 hours behind	10.50	
	David Velez	Bogota			http://mixlr.com/david-velez-10/			10.55	
36	Eastern Bluebird nest			quite quiet with slight rhythmic crackles; birds intermittent, sometimes vocalizing as they prepare the nest of grass	http://sportsmansparadiseonline.com/Bluebird_Nest.html			10.55	Live streaming from inside eastern bluebird nest boxes - See more at: http://sportsmansparadiseonline.com/Bluebird_Nest.html#sthash.jCzrWfdy.dpuf

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
37	Patrick Perdue's stream	Greensboro, N Carolina	36.1002595 -79.8333785	vlc, iTunes	http://borris.me:8888/outside http://borris.me:8888/outside.ogg	[05.22] (05.56) 06.24 05.40	5 hrs behind	11.00	Long standing independent stream from outside the house in Greensboro
	Aaron Rosenblum (ARTxFM)	Louisville, Kentucky			http://locus.creacast.com:9001/louisville_oldlou.ogg	[5.41] (6.16) 6.44 6.00	5 hrs behind	11.05	
38	Surfside Beach VLF Radio stream	Surfside Beach, SC, USA		VLC or Firefox	http://67.207.143.181:80/vlf34	[05.25] (05.57) 06.24 05.45	5 hrs behind	11.10	http://abelian.org/vlf/

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
39	Decorah eagles with chicks	eg eagles in Decorah, IA			vocalisations of eagles up close - chicks in nest static	http:// www.farm you.com/ falcon_cam s/ index.html		11.15	one of a a set of raptor cams, mainly in factories, with inductrial sound
40	Mark Howell	Danville, Indiana				[5.36] (6.12) 6.42 6.00	5 hrs behind	[11.00]	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
41	Eagle Valley cam	Glen Haven, Wisconsin		wind noise eagles up close on nest; hatch date predicted 4 MAY 2014; interference, waterfowl,	http://www.farmyow.com/falcon_cams/index.html			[11.15]	
42	deer cam	Pillager, Minnesota		good audio [central cam only] including woodpeckers	http://deertrail.us/	[04.32] (05.15) 05.49 05.00	6 hrs behind london	11.20	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
43	Spirit Bluff Falcons Raptor Resource Project Great Spirit Bluff	Dresbach, MN		Peregrine falcons on a nest and industrial noise	http://www.farmyodu.com/falcon_cams/index.html			[11.25]	
44	MNBound.com solar powered Eagle Cam	Cologne, Minnesota			http://www.ustream.tv/mneaglecam			11.25	eagles with chicks in a high nest; pretty good audio with some artefacts and distant traffic
45	Great River Energy Elk River Peregrines	Elk River, Minnesota		intermittent stream; harsh audio	http://www.youtube.com/watch?v=rK2wOQSwwY#t=3040550			[11.25]	Great River Energy's Elk River Energy Recovery Station is a perfect site for a nesting box because it is located in a peregrine falcon migratory flyway. The site, beside the Mississippi River, is also a draw because the birds prefer to nest in high locations near water.

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
46	Cape Coral, Florida VLF	Tom Becker	26.5556 82.0252		http://67.207.143.18:180/vlf9	[05.54] (06.23) 06.48 06.10	5 hours behind	11.30	http://abelian.org/vlf/
47	Joel Goodwin, live nature songs	Austin, Texas	30.3077609 -97.7534014	streamplayer	http://66.55.144.67:8003/stream iTunes: Live Nature Songs - Lakeside Austin	[05.49] (06.19) 06.45 06.00	6 hours behind london	11.40	http://www.livenaturesongs.com/ The stream is via LNS's Naturephone - a proprietary weatherproof streaming device which is part of an evolving live audio project to relay natural soundscapes. Birds, planes.. Check also the Costa Rica and Panama streams from the same project. LNS welcomes your participation. See Streams pages for details and links

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
48	Arkansas deer turkey and wildlife feeder cams			deer, turkeys, machinery, wild birds: doves et al	http://sportsmansparadiseonline.com/Live_Arkansas_Deer_Cam.html			11.55	2 feeds: right cam has machine noise. Others currently down (22 APR 2014)
49	Costa Rica live stream for live nature sounds	Southern Pacific Coastal Mountains, Costa Rica			double check if currently live streaming	[4:31] (4:56) 05:18 05:00	7 hrs behind	12.00	
50	Hawley, TX	Kevin Palivec VLF	32.6578 99.8437		http://67.207.143.18:180/vlf25	[05:52] (06:23) 06:49 06.05	6 hrs behind london	12.15	http://abelian.org/vlf/

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
51	Athena screech owl camera	Houston, Texas		vocalisations of adult and chicks very close and clear	http://sportsmansparadiseonline.com/Athena_Screech_Owl_Nest_Cam.html		6 hrs behind london	12.20	This is a live feed of a female eastern screech owl named Athena.
52	World Land Trust	Ecuador		rainforest cam intermittent? no audio	http://www.worldlandtrust.org/webcams		6 hours behind		

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
53	Lawrence, Kansas, train cam	Lawrence, Kansas		could maybe leave on in case a train comes by?	http://www.lawrencetraincam.com/		6 hours behind	12.25 - 13.00	train tracks, with sound: presumably with sound of passing trains sometimes. see for nice details and map: http://www.lawrencetraincam.com/about.htm
54	Littlehouse cams	Prairie Village, Kansas		4 cams of feeders and backyard locations, each with audio	http://www.tomniz.com/Livecam/	5.47	6 hours behind	12.45	excellent audio sounds like dawn around noon london time - still dark in the stream this is 4 cams playing together! nb the 3rd one down may have some bass rumble in it

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
55	space weather radio	Roswell, New Mexico: Stan Nelson			http://spaceweatherradio.com/ http://www.roswellmeteor.com/	[05.08] (05.40) 06.07 05.20	7 hours behind london	13.00	<p>The Air Force Space Surveillance Radar transmits a 216.98 MHz signal into the heavens 24 hours a day, 7 days a week. Meteors, satellites and spacecraft passing overhead reflect those signals back down to Earth, and create a ping in the receiver each time one passes. The radar's primary antenna is located near Lake Kickapoo, Texas. A few hundred miles away in Roswell, New Mexico, radio engineer and long-time spaceweather.com associate Stan Nelson picks up the echos using a yagi antenna on his roof.</p> <p>In fact: The US Air Force Space Surveillance Radar has been shut down, but we're still recording meteor echos. How do we do it? Radio engineer Stan Nelson uses a Yagi antenna in New Mexico to detect 54 MHz TV signals reflected from meteor trails. When a meteor passes over his observatory--ping!--there is an echo. It's the next best thing to a giant government radar! Click on the button to listen to a live audio feed: LISTEN</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
56	lifeonthecolumbiariver	Portland, Oregon, Columbia River	45.5424364,-122.654422		http://zappers.camstreams.com/	[04.40] (05.21) 05.54 05.00	8 hrs behind	13.15	webcam with buzz and windchimes, planes
57	Salish hydraphone network	Seattle, Washington, USA	47.614848 -122.3358423	a number of hydraphones with similar sounds, as right:	http://sc8.spacialnet.com:25828/	[04.28] (05.12) 05.47 05.00	8 hours behind london	13.20	Lime kiln hydrophone
58		as above			http://sc3.spacialnet.com:16948/			13.25	Port Townsend
59		as above			http://sc6.spacialnet.com:17636/			13.30	San Juan Island
60		as above			http://sc3.spacialnet.com:16902/			13.35	Seattle Aquarium

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
61	VENUS hydraphon es	Strait of Georgia (SoG), Vancouver	49.2086049 -123.327566	long buffering time: pre- load	http:// venus.uvic.ca/ data/live- audio/	[04.23] (05.09) 05.00	8 hrs behind	()	Near live, following vetting and alteration / censorship by the Canadian navy - around 10m delay

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
62	bella hummingbirds net cam [ADS]	La Verne, S California 8 hours behind London			http://www.ustream.tv/explore/animals http://www.ustream.tv/channel/bellahummingbird-s-show http://www.bellahummingbird.com/Bella-Nest-Cam.html http://www.bellahummingbird.com/Safari		8 hrs behind	13.40	<p>good audio</p> <p>Bella Hummingbird has been making her nest in my ficus tree since 2005. Sometimes laying as many as 4 clutches in one season. A webcam has been set up for all to share this beautiful experience.</p> <p>What kind of hummingbird is Bella? - Bella is an Allen's Hummingbird (Selasphorus sasin)</p> <p>Does Bella migrate? - No. Bella is a non-migrating hummingbird.</p> <p>Where is this tree located? - The tree is in La Verne.</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
63	owlceanside by Mel and Sydney	Oceanside, California - San Diego County, USA		could listen early to night sounds or v early morning	http://kangarobin.blogspot.co.uk/ http://www.ustream.tv/channel/owlceanside	[05.02] (05.34) 06.01 05.15	8 hrs behind	14.00	owls in a nesting box; v nice audio also at night
64	owl channel	San Diego, CA		barn owls in a nest box	http://www.ustream.tv/owlchannel			14.10 ? overlap with previous	muffled sounds; the owl is seen in the box in the glare from the entrance hole

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
65	Laguna Beach, hummingbird nest cam	Laguna Beach, S California	33.5482831,-117.774753	LOUD ADVERTS	http://www.mangolinkcam.com/webcams/birds/hummingbird-emma.html	[05.02] (05.34) 06.01 05.15	8 hrs behind	14.20 [trains off?]	Allen's hummingbird on the nest or feeding check time
66	Mourning Dove Nest	Orange County, CA		v nice at night also; trickling water and quiet	http://sportsmansparadiseonline.com/Mourning_Dove_Nest.html	[05.02] (05.34) 06.01 05.15	8 hrs behind	14.40	with trickling water

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
67	parrots	S California		good audio eg frogs at night	http:// www.ustrea m.tv/channel/ socal-parrot- s-show		8 hrs behind	15.00	<p>SoCal Parrot is a fledgling 501c3 non-profit that exists to bridge the gap of care and consideration that naturalized parrots fall into because they are neither native wildlife nor truly domestic.</p> <p>SoCal Parrot, (SCP) is a powerful network that is forming to be a voice and helping hand for our local naturalized parrot populations. We were founded by a couple of Licensed Wildlife Rehabilitators so we carry an emphasis on preserving all wildlife and natural resources, plus we have extensive animal medical experience and training.</p> <p>This is a live camera inside our pre-release Amazon flight. These are wild birds and anything can happen.</p> <p>socalparrot.org</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
68	hummingbirds with good sound	irvine, california		v good sound	http://www.ustream.tv/hummingbirdnestcam http://phoebeallens.com/		8 hrs behind	15.10	<p>Phoebe is a non-migratory Channel Islands Allen's Hummingbird (Selasphorus sasin) She builds her nests in a rose bush, and the nest is about the size of a golf ball, with eggs being about the size of a tic-tac candy (Egg Pics). The season for nesting is October through May/early June, and Phoebe will lay four to five clutches per season. Two eggs are laid per clutch, they hatch after 17 days, and the chicks typically fly three to four weeks later. Phoebe will sometimes build a new nest, but frequently repairs old nests.</p> <p>Living in Southern California, we are blessed to be joined by numerous species of birds and several years ago we noticed a hummingbird setting up her nest in our yard. What amazed us is we thought it would be a one-time event, but she kept coming back year after year. After several years, we thought it would be fun to get a closer look and set up our first webcam in 2007. As the number of viewers grew, in March 2009 we moved the broadcast to Ustream.tv, and the number of viewers exploded and we had climbed to the most popular birding site on the web (Fat Birder's Top 1000 Birding Website). In less than a year, we had over 2 million views, and by the 3rd year are over 16 million. Phoebe has a dedicated community of followers from all around the world</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
69	Oakland stream	Oakland, California: august black, gustonegro (Locus Sonus)	37.7919584 -122.2287941	streamplayer	http://locusonus.org/soundmap/035/	[05.07] (05.41) 06.10 05.20	8 hrs behind	15.20	At foot level approximately one block away from highland hospital and two blocks down from where Gertrude Stein grew up ("there is no there there").
70	birds of prey sanctuary	near Prather, Fresno County, California		multiple feeds from nests and boxes with birds of prey	http://sportsmansparadiseonline.com/Eaglecrest_Hawks_Nest.html			15.40	self noise and traffic but good sounds with dogs and some birds etc v early in the morning (12.17 london)

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
71	sea lion web cam	san francisco		not loading 22 APR	http://www.pier39.com/home/the-sea-lion-story/sea-lion-webcam/			()	
72	Albatross cam - Cornell cam network	Kauai, Hawaii		great audio at night - many insects! check during the day	http://cams.allaboutbirds.org/channel/41/Laysan_Albatross/	[05.12] (05.40) (06.04) 05.15	11 hours behind london	15.50	
73	jupiter foundation whale sounds	Puako, Hawaii	19.9405409 -155.8653431	streamplayer iTunes vlc	http://jupiterfdn.serverroom.us:5606	[05.03] (05.30) 05.53 05.10	11 hours behind london	16.30	http://www.jupiterfoundation.org/

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
74	Observatory Puako	Puako, Hawaii hydrophone			http://listen-to-the-deep.com/acoustics/index.html	[05.03] (05.30) 05.53 05.10	11 hours behind london	()	humpback whales - amazing 25 MAR - same feed from Jupiter
75	Kushiro 1 hydrophone	Kushiro Observatory 1, Japan	41.687 144.3945		http://listen-to-the-deep.com/acoustics/index.html			17.30	
76	Kushiro 2 hydrophone	Kushiro 2 hydrophone	45.9408 145.0562		http://listen-to-the-deep.com/acoustics/index.html			17.40	
77	Kushiro 3 hydrophone	Kushiro 3 hydrophone	49.2528 144.8107		http://listen-to-the-deep.com/acoustics/index.html			17.50	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
78	Hatsushim a hydrophon e	S Japan	35.003083 139.2247		http:// listentothedee p.com/ acoustics/ index.html			18.00	
79	radio receiver from Wellingto n, New Zealand				http:// www.dxzone.co m/cgi-bin/dir/ jump2.cgi? ID=28814 http:// radio.owdjim.ge n.nz:8100/ ar8200.mp3 go to: stream from receiver in Wellington, NZ in iTunes	6.30	11 hours ahead	19.00	AOR AR-8200 Mk3 QTH Wellington, New Zealand Run by Chris Mackerell (chris "at" radiodx "dot" com) Now Raspberry Pi powered. Note: Due to storm damage radio is using only indoor whip antenna. Fairly monotonous sound - actually not: quite varied and interesting

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
80	Hamilton Police	Hamilton, New Zealand			http:// www.broadca stify.com/ listen/feed/ 16296			19.15	noise; not much talk; a little bit; standard police fare, but some ok noise

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
81	Backyard galah cam	Goulburn New South Wales, Australia	-34.735355,149.7236798	LOUD ADVERTS now masked - very nice audio - human and non human periurban interface - the operator doing cleanup at nighttime on earth day! etc	http://backyardgalahcam.com.au/ http://www.mangolinkcam.com/webcams/birds/backyard-galah-cam.html	[05.43] (06.13) 06.39 05.30	9 hrs ahead of london	19.30	nestbox and other sounds the Rose-breasted Cockatoo, Galah Cockatoo, Roseate Cockatoo or Pink and Grey, is one of the most common and widespread cockatoos , and it can be found in open country in almost all parts of mainland Australia . It is endemic on the mainland and was introduced to Tasmania, [1] where its distinctive pink and grey plumage and its bold and loud behaviour make it a familiar sight in the bush and increasingly in urban areas . It appears to have benefited from the change in the landscape since European colonisation and may be replacing the Major Mitchell's Cockatoo in parts of its range. The term galah is derived from gilaa, a word found in Yuwaalaraay and neighbouring Aboriginal languages . [2]

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
82	Far N Coast Queensland Marine	v occasional voice traffic around 00.30 London time	http://www.broadcastify.com/listen/feed/11183	Australia > Queensland > Northern - North Tropical Coast & Tablelands (Division)					
83	Far N Coast Queensland Mareeba Airport	occasional good audio - voice snippets in English - late SAT london time	http://www.broadcastify.com/listen/feed/14369						

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
84	Far N Coast Queensland Cairns Airport	more voices	http://www.broadcastify.com/listen/feed/6352	these last 3 amount to quite a bit of traffic if overlaid					
				the site to access them all: http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=9332					

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
85	AussieAI's Backyard			same link as the galah cam above	http://sportsmansparadiseonline.com/Live_Australia_Wildlife_Cam.html http://backyardgalahcam.com.au/				
86	various Australian radio services on broadcastify eg rural fire services ets	Gosford and Lakes Team Rural Fire Service	http://www.broadcastify.com/listen/feed/9888/web						

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
87		Lakes Team Wyong/Lake Macquarie Rural Fire Service Live Audio Feed	http:// www.broadcastify.com/ listen/feed/ 12669/web						
88		NSW Far South Coast Marine and Beach Live Audio Feed	http:// www.broadcastify.com/ listen/feed/ 6543/web						

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
89	Yin Yi (audioripple)	Yin Yi (audioripple)			http://mixlr.com/audioripple/	[4.11] (4.41) 5.07 4.15	7 hours ahead	21.15	My location is Shanghai, China. My original plan is that mount mics on my cloth hanger which outside of my windows on 5th floor to get the sound of my community includes street, outdoor food market, apartments and trees.
90	Au Step	Tai Po, New Territories, Hong Kong			http://mixlr.com/au79/	[4.58] (5.26) 5.50 5.00	7 hours ahead	22.00	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
91		Boracay, Philippines		aerial view of the bay	http://www.earthcam.com/world/philippines/boracay/bolabogbay/	[04.44] (05.10) 05.32 05.00	7 hrs ahead	22.30	some humming; some insect sounds at night..
92	The Red Coconut beach bar	Boracay, Philippines		music at night; scenes of beach; try in morning	http://www.earthcam.com/cams/philippines/boracay/	[04.44] (05.10) 05.32 05.00	7 hrs ahead	22.40	
93	Elephant bathing pool	Bali, Indonesia		this link accesses both bali feeds	http://www.earthcam.com/indonesia/bali/?cam=bali1	[5.36] (06.00) 05.40	7 hrs ahead	22.50	Bali's only dedicated Elephant rescue park located in the village of Taro, near Ubud. loud buzz

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
94	Elephant sanctuary: path	Bali, Indonesia			http://www.earthcam.com/indonesia/bali/?cam=bali1			23.00	View of a path in an elephant sanctuary, sometimes with elephants passing; loud high buzz / ringing
95	Juanda International Airport WARR Tower Live Audio Feed	Jakarta			http://www.broadcastify.com/listen/feed/14153	5.10	6 hours ahead of London	23.10 overlay	various voices in english and other languages - air traffic control talk
96		Bangkok, Thailand (Krung Thep)			http://www.earthcam.com/world/thailand/bangkok/	[05.14] (05.39) 05.10	6 hours ahead of London	23.20	cityscape webcam, but with ok audio: construction sounds through the night, etc

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
97	St Petersburg webcams	St Petersburg		other cams available but less good audio eg: see below	http://vpiter.com/web-camera-hyde2/	nautical twilight [03.26] astronomical twilight throughout the night	3 hours ahead	23.30 end overlay possibly overlay petersburg cams and catch bells at midnight	quite close up and detailed: perimeter of Peter and Paul - bells on the hour, some birds loud sound of camera movements

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
98	St Petersburg cams - alternative more touristic location is St Petersburg from cams with panoramic outlooks l	St Petersburg		Palace Bridge and Paul Fortress Hermitage from a point on the spire of Peter and Paul church Gostiniy Dvor Sadovaya Gostiniy Alexandrinsky theater and Catherine garden	http://vpiter.com/web-camera-admiral/ http://vpiter.com/web-camera-shpil-dwortz/ http://vpiter.com/web-camera-gostiniy-dvor/ http://vpiter.com/web-camera-sadovaya-gostiniy/ http://vpiter.com/web-camera-aleksandrinskiy/		3 hours ahead	23.45 various	view over a bridge and water with something in foreground eg horses hooves - could be useful at dawn with less traffic on the bridge? quite peaceful; some wind; could be worth trying at daybreak street scape - quite detailed - lots of traffic, some artefacts, could be good at dawn? traffic noise - quite detailed trees in the square - but really there is only traffic

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
99	Käsmu seashore camera		59.6000634 25.9152502	a beach from a shore with trees - windy	http://www.looduskalender.ee/en/node/11478			0.00	<p>The Käsmu seashore camera that was damaged by lightning in August is working again. We decided to forward the web camera view on the Looduskalender page until we get the grey seal monitoring camera working again.</p> <p>Aarne Valk from the Käsmu Maritime Museum comments: "Responding to grumbles about the sea being there to be seen from any window in the museum 24 hours a day, we decided to set it up on our home page so that the envied "million dollar view" can be the view of a million Estonians. I can recommend the look towards north in the evening and summer nights as Estonia's most beautiful sky view. So we arranged the camera looking north. Even northern lights may be seen there. Watch carefully!"</p> <p>Setting up a video stream is not quite simple. Many thanks to EENet for their generous assistance and for multiplying the stream. People from Beta Group, ITrotid, Igorexa and others built the set up and installed the Mobotix camera.</p> <p>The Looduskalender team www.looduskalender.ee provided the knowledge for how to do it.</p> <p>Käsmu Maritime Museum: http://www.kasmu.ee/ Forum: http://www.looduskalender.ee/forum/viewtopic.php?r=55&t=630 Test Your connection speed here.</p>
100	tawny owl camera			very good audio, despite wind: you can see the tawny owl on the nest in a nest box made from a hollow trunk - the speckled plumage of the back - and you can hear the sound of the wind in the trees, smaller birds at close range, and occasional planes	http://www.looduskalender.ee/en/node/19378 direct stream: http://pontu.eenet.ee/player/kakk.html			0.15	<p>A little history: the Tawny owl was selected by the Estonian Ornithological Society as Bird of the Year in 2009. It was a good reason for installing a web camera in the tawny owls' nest hollow for the first time.</p> <p>That time the female laid her first egg already on March 1st, which was 3 weeks earlier than usual. The web camera transmitting the images from the nest hollow turned out to be very popular, and so it was decided to start the camera the next year as well. In the cold early spring of 2010 the female laid her first egg only on April 6th. The tawny owl pair were named Klaara and Klaus by the Looduskalender forum members.</p> <p>An autumn storm the year before last broke the nest tree of the tawny owls in Matsalu. Employees of the Environmental Board (Keskkonnaamet) and RMK crafted a nest block from the same hollow tree for Klaus and Klaara, which was installed near the old nest site. On March 1st 2013 the Estonian Ornithological Society (Eesti Ornitholoogiuühing) installed a small Mobotix IR camera under the roof of the nest hollow (Mobotix representative in Estonia: Beta Grupp OÜ) and IR lightning suitable for the nest hollow (assembled by Videovalve). Tawny owls Klaara and Klaus started their nesting on March 19th.</p> <p>There are always problems with technology: the web camera had to be replaced but fortunately it was within the warranty repair: the aerial was damaged and the control system needed revision. Equipment must be ordered and such goods doesn't arrive just in a few days.</p> <p>Klaara has started laying eggs and nest life is visible now.</p> <p>The camera stream reaches Tartu and the EENeti server from Läänemaa by way of Tele2/Televõrgu connections. More details on what goes on are in the Looduskalender forum and the web site of the Estonian Ornithological Society.</p> <p>The Keskkonnainvesteeringute Keskus (KIK: Environmental Investment Centre) supports the tawny owl web camera project of the Estonian Ornithological Society.</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
101	grey seal monitoring webcam	Vilsandi National Park, Estonia		a stony beach - windy	http://www.looduskalender.ee/en/node/19363	[02.58] (04.21) 05.15 03.30	2 hrs ahead of london	1.30	plan to spend about an hour on these various feeds from Estonia. try to get somebody to talk about them
102		Otepää, Estonia (not far from Tartu)			http://pontu.eenet.ee/player/toidumaja.html http://www.looduskalender.ee/en/node/18906	[03.06] (04.22) 05.12 03.45	2 hrs ahead of london	1.35	The camera is located at Otepää, outside the office window of LOODUSEMEES.ee . We can observe the behaviour of wintering birds in an urban environment, and Arne will be sure to send interesting photos for publication in Looduskalender.

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
103	red deer webcam				http:// www.looduskal ender.ee/en/ node/19268			1.40	<p>When the January frosts arrived RMK, the Estonian State Forest Management Centre, set up a feeding ground for red deer which animals started to visit. In February a web camera was installed; with the arrival of milder weather the visits by deer and wild boars became less frequent but winter will surely not stay away – on Wednesday night the forest glade was covered by a thick carpet of snow.</p> <p>The purchase of the webcam was funded by RMK. Planning and installation has been done in co-operation with Looduskalender.ee. The image is transmitted by the new generation of Mobotix web cameras, experimental IR lighting is used and the self-sufficient power supply is based on solar panels. The system was assembled by Hatcam.</p> <p>Food for the forest inhabitants is provided by Saaremaa hunters – many thanks to them.</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
104	Osprey cam			audio could be good from the treetops - but windy includes woodpecker s drumming loudly at 09.42 London time on 8 APR	http://www.looduskalender.ee/en/node/19614			1.45	<p>The osprey nest webcams are installed at artificial nests. Both observed nests are in comparatively new nesting territories; we know of both for the third year now. Ilmar's nest has a camera for the second year and that of Madis for the third year.</p> <p>The natural nest of osprey Ilmar was on top of the decayed stump of a broken spruce 50 m from the present one and had largely collapsed. As replacement we built an artificial nest in 2013 in the top of a stronger pine and installed the web camera there. The image is transmitted from the nest in Tartu to the EENet server by way of the Kvada network and permanent transmission starts from March 29th. Ilmar and Irma had two fledged eaglets in 2012 as well as in 2013. Ilmar also had a transmitter on his back for one year; his migration paths can be seen on the bird migration map (autumn 2012 and spring 2013).</p> <p>We built osprey Madis's nest in autumn 2011 replacing the natural one, likewise fallen down, that had been located ca 300 m away and in the following spring Madis at once took ownership of the artificial nest with camera. Madis and Piret had two eaglets in 2011 and three in 2012. The 2013 nesting was unsuccessful since before Piret's arrival Madis formed a relationship with a new partner (called Oksana in the forum) and after Piret's arrival violent fights ensued between the females. The one egg laid by Oksana was left unincubated and Piret did not lay eggs at all. Piret's migration path can also be seen on the migration map (autumn 2012 and spring 2013). We have not yet managed to remove Piret's transmitter that is not working from her. The transmission from Madis's nest runs beginning from April 5th and works similarly to most of our nest cameras: the image from the Mobotix camera moves by way of MikroTik serials to the nearest tower and from there by Televõrgud cables to the EENet server. The EENet server multiplies it for all interested viewers.</p> <p>In spring 2014 ten or so large dried branches had been brought to both nests, probably by white-tailed eagles.</p> <p>The LK forum keeps its eyes on events.</p>
105	Ali Phi	Tehran - Tajrish Square - location TBC			Locus Sonus mountpoint TBC	[05.09] (05.42) 06.10 5.30	3.5hrs	1.50	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
106	Alutaguse bear cam	Estonia		a clearing in conifer forest	http:// pontu.eenet. ee/player/ karu.html			2.10	The observation ground was prepared by Natourest and 360 Kraadi and the camera position has been slightly changed.

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
107	Black stork webcam	Estonia						2.20	<p>On March 26, Renno and Urmas once again installed a web camera at the black stork nest in Läänemaa. This is the fourth consecutive season that we follow the nest life of black storks Tiit and Tiina. This winter is past and migrant birds are arriving. The first black storks usually reach Estonia at the end of March or the first days of April. In 2012 the first black stork arrived at the web cam nest on March 28, this winter made a similar meeting possible. Last year Tiit arrived only on April 16th and Tiina two days later - winter really lasted until mid-April.</p> <p>Breeding in the nest has been successful in all three previous camera seasons although problems have occurred too. Expectations are high for this year but reality will tell in view of us all (if technology will stand up).</p> <p>By way of Mikrotik's aerals the web camera image reaches the Elisa mobile tower at a distance of 11 kilometres and from there goes into the Televõrgud fibre optic cable. Televõrgud forward the camera image to the FENet server where decoding of the video and splitting of the stream takes place. The power systems of the camera in the forest and the aerals are fed by solar paneks.</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
108	Lesser Spotted Eagle webcam	Estonia			http://pontu.eenet.ee/player/kalakotkas.html			2.30	<p>We solemnly open the 2014 season of lesser spotted eagle nest webcams. This year we once again can follow events in two spotted eagle nests in Jõgevamaa.</p> <p>The nest webcam of Eha and Koit, so named by the Looduskalender forum, shows the seventh consecutive nesting season already. The other, the oldest nest webcam in Estonia, is installed at a black stork nest. Since 2010, lesser spotted eagles have used the free nest space.</p> <p>Previous years have offered nature friends from all over the world magic moments with the spotted eagles – calm everyday life but also passion and drama. We hope that this year will be good for the lesser spotted eagles. The wait for the main actors should not be long: on April 3rd the first lesser spotted eagle was already seen in Tartumaa.</p>

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
109	storks nest	Lithuania		audio present; very low; check the nest appears empty? an almost silent scene	http://sportsmansparadiseonline.com/lithuania_stork_nest.html			2.35	You are watching a mating pair of White Storks located in Šiauliai r., Naisiai, Lithuania. The bedding is made mostly of sticks mixed with green moss. They are wild storks
110	Jonny Farrow	Abu Dhabi			http://mixlr.com/jonny-farrow/	[04.53] (05.22) 05.46 so: 05.00 Jonny said: 6-7.30 local time	3 hours ahead	02.40 03.00-04.30	discuss timing with Jonny Farrow

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
111	lesser kestrel cam	Elyakim - Hatikva (The Hope) elementary school, Israel			http://www.birds.org.il/en/tracking-methods.aspx			2.55	
112		Amman, Jordan			http://www.earthcam.com/world/jordan/?cam=citadel	[04.51] (05.22) 05.00	2 hours ahead	3.10	archaeological site: sparrows, some wind, voices, pretty good sound The Citadel towers above the capital city from Jabal Al-Qal %5Cu2019a%2C and is the site of ancient Rabbath-Ammon. Excavations here have uncovered Roman%2C Byzantine%2C and early Islamic remains. The most impressive%2C known simply as Al-Qasr %5C%22the Palace%5C %22%2C dates back to the Islamic Umayyad period. Nearby are the ruins of the Umayyad palace grounds.

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
113	Berlin, Neukoelln	Henrik Schroeder for radio aporee			http://locus.creacast.com:9001/berlin_neukoelln.ogg	[03.57] (04.50) 05.30 04.10	1 hr ahead of london	3.15	
114	Sylt shoreline webcam	Sylt, Germany, strand			http://gastgeber-sylt.de/webcam/	[03.56] (04.53) 05.36 04.20	1 hr ahead	3.20	
115	Prague national theatre and around	Prague			http://praga.eu/web-camera-praga/	[04.09] (04.56) 05.34 04.30	1 hr ahead	[3.25]	
116	Bielefeld, Germany VLF	Wolfgang Büscher, DL4YHF	52.146N 8.458		http://67.207.143.18:180/vlf6	[04.20] (05.12) 05.52 04.50	1 hr ahead of london	3.25	http://abelian.org/vlf/

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
117	Udo Noll mobile	Berlin			http://radio.aporee.org:8000/aporee.m3u or other TBC	[3:57] (4:50) 5:30 04.30	1 hr ahead of london	3.30	
118	Michalis Moschoutis	Athens	38.066068, 23.828788		http://mixlr.com/mits/	[5:23] (5:57) 6:26 5.35	2 hr ahead	3.35	
119	Warsaw, church interior	Poland, Church			http://www.kamera.czaszyn.pl/church.htm	[03.28] (04.21) 05.00	1 hr ahead	[3.40]	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
120	Geraldine (palimpse ete; Locus Sonus mobile)	Alexandria			http:// locus.creacast. com:9001/ mobile_geraldi ne.ogg or streammap or server	[4:16] (4:47) 5:13 04.40	1 hr ahead	[3.40]	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
121	Ham radio FM repeater,	"Zugspitze" DB0ZU and "Bussen" DB0RZ		VLC, iTunes [not firefox]	http:// streamplus16.l eonex.de: 12344	[04.31] (05.15) 05.51 05.00	1 hr ahead of london	[3.45] overlay	The 2m FM repeater DB0ZU located on top of the " Zugspitze " - Germany's highest summit - offers voice communication for the North Alpine region and Southern Bavaria. In particular mobile and portable stations appreciate the repeater. The 70cm FM repeater DB0RZ (Bussen) located in the middle of Upper Swabia connects ham radio operators throughout the world via Echolink . To listen over the Internet a player for MP3 streams is useable (e.g. Quicktime, Real, VLC, Winamp etc.). The free Winamp player is recommended. The primary stream is the DB0ZU audio, on Sundays and public holidays between approx. 10:00 and 18:00 CET the audio stream of DB0RZ is switched on.

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
	MC Brane, CONA	Croatia			http://giss.tv/ interface/? mp=radiocon a.ogg	[4:35] (5:15) 5:47 4.45	1 hr ahead	3.45	
122	East Sicily hydrophone	Observatory NEMO	37.321072 15.362497	East Sicily	http:// listentothedee p.com/ acoustics/ index.html			[3.50]	
123	Budhadiya Chattopadhyay	Copenhagen			http:// mixlr.com/ budhadiya/	[3.34] (4.36) 5.21 04.55	1 hr ahead	3.55	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
123	Bologna, Italy	Bologna, Elena (Locus Sonus)			http://locus.creacast.com:9001/bologna_mascarella.ogg	[04.49] (05.29) 06.01 05.00	1 hr ahead of london	4.00	
124	Peter Sinclair	Walberswick, Suffolk				[03.44] (04.37) 05.18 04.00	0 hrs	4.05	
125	Udo Noll, radio aporee:	Belgian Quarter, Cologne, Germany			http://locus.creacast.com:9001/cologne_aporee.ogg	[04.33] (05.23) 06.01 05.10	1 hr ahead of london	4.15	Street-side balcony over a little street with low traffic, cyclists and pedestrians. At night you hear the freight trains passing the nearby bridge, as well as sounds coming from a pub next street corner.
126	Aix en Provence	G Lauvin (Locus Sonus)			http://locus.creacast.com:9001/Aix_Provence_St_Jerome.ogg	[05.16] (05.56) 06.27 05.10	1 hr ahead	[4.20]	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
127	Aix en Provence	Yachar Valakdje		or Toulon TBC	Locus Sonus streammap	[05.16] (05.56) 06.27 05.10	1 hr ahead	4.20	
128	Gregoire Lauvin (Locus Sonus)	St Baume, Bois		http://locusonus.org/soundmap/035/	http://locus.creacast.com:9001/StBAume_bois.ogg			4.25	
129	Leandro Pisano, Raffaele Mariconte	Fortore River Valley	San Marco dei Cavoti 41.3093113, 14.8781526		http://mixlr.com/raffaele-mariconte/	est [4.44] (5.22) 5.53	1 hr ahead of london	4.30	
130	Antares hydrophone	Antares, Ligurian Sea	43.084596 5.211491		http://listentothedee.p.com/acoustics/index.html			[4.40]	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
131	Sheffield, UK, VLF	Mark Dennison	53.4396 1.5004		http://67.207.143.181/vlf3	[03.50] (04.45) 05.26 04.10	0 hrs	[4.45]	http://abelian.org/vlf/
132	RSPB stream	Hampstead Heath, London				[03.58] (4.48) 05.27) 04.15	0 hrs	[4.45]	
133	Richard Fair	Norwich			http://mixlr.com/richard-fair/		0 hr ahead	4.45	Live streaming on MIXLR
134	Cumiana, VLF	Cumiana, NW Italy, Renato Romero, Openlab	44.96 7.42		http://67.207.143.181:80/vlf15	[05.01] (05.42) 06.15 05.20	1 hr ahead of london	4.50	http://abelian.org/vlf/

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFE RENCE TO LOND ON	AIRTIM E (APPR OX) START - STOP	DETAILS
135	Todmorden, UK VLF	Paul Nicholson	53.703 2.072		http:// 67.207.143.18 1:80/vlf1	[03.52] (04.47) 05.29 04.20	0 hr	4.55	http://abelian.org/vlf/
	Kent	Francesca Panetta						5.00	
136	le rove, niolon	Peter Sinclair (Locus Sonus): on the sea near Marseille			http:// locus.creacast. com:9001/le- rove_niolon.o g	[05.18] (05.56) 06.28 05.40	1 hr ahead of london	5.00	
	Juan Carlos	Madrid					1 hr ahead	5.00	

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
	Gregory Ovenden				http://mixlr.com/the-sound-farmer/			5.00	
137	nantes, st nazaire	Jerome Joy (Locus Sonus): Nantes, St Nazaire, France			http://locus.creacast.com:9001/nantes_stnaz.ogg	[05.28] (06.11) 06.46 05.50	1 hr ahead of london	5.05	A street downtown. A cheap microphone hooked up on a front window facing the street. Not so far from the shipyard and the harbour. Sometimes, some boat horn and strange airplane sounds (a branch of Airbus factory is close to the city). Along the day : lively urban sound ambience.
138	OBSEALF hydrophone	West Mediterranean Sea	41.1819083 1.7523417		http://listentothedee.p.com/acoustics/index.html			5.10	v nice audio on 25 MAR

#	NAME	PLACE	COORDINATE S	ACCESS 1	ACCESS 2	DAYBREAK LOCAL [nautical twilight] (civil twilight) sunrise dawn chorus est start	TIME DIFFERENCE TO LONDON	AIRTIME (APPROX) START - STOP	DETAILS
139	Dawn Scarfe (Bivvy Broadcasts)	A forest somewhere in England			http://www.dawnscarfe.co.uk/project_broadcast			5.15	Name: Bivvy broadcast, Dawn Scarfe Location: A forest somewhere in England Details: A guerilla-style attempt to stream live sound through the night whilst sleeping in a bivvy on the forest floor. Set up after dark in unfamiliar surroundings using a small microphone, lots of batteries and a tenuous 3g connection. 11pm-7am on the 19th April, 3rd May, 17th May 2014.
140	soundCamp	Stave Hill Ecology Park London	various streams		various TBC			05.45 to 06.00 END	Live streams from the soundCamp mark the end of the broadcast