```
1 ssh://root@103.254.67.181:10006/usr/bin/python -u /home/
   sunfengzhen/pycharm/interval_pred10_goontrain_predrnnpp/
   i nterval _pred10_goontrai n. py
  pid memory used = 0.27 Gbytes
   *** *** *** *** *** mode: test **
 3
  load data... data/radar500_train001
 4
 5 data areas 1296
 6 gen index
  len(frames_file_name) : 4536
 7
8 there are 216 sequences
 9 there are 4536 pictures
   ************mode: train ********
10
11 load data... data/radar500_train001
12 data areas 1296
13 gen index
14 len(frames_file_name) : 22680
15 there are 1080 sequences
16 there are 22680 pictures
17 pid memory used = 4.34 Gbytes
18 Initializing models
19 num_hi dden : [128, 64, 64, 64]
20 2019-08-09 13:30:02.449054: I tensorflow/core/platform/
   cpu_feature_guard.cc:141] Your CPU supports instructions that
   this TensorFlow binary was not compiled to use: AVX2 FMA
21 2019-08-09 13:30:03.875800: I tensorflow/core/common runtime/gpu/
   gpu_device.cc:1432] Found device 0 with properties:
22 name: GeForce GTX 1080 Ti major: 6 minor: 1 memoryClockRate(GHz
   ): 1.582
23 pciBusID: 0000:82:00.0
24 total Memory: 10.92GiB freeMemory: 10.76GiB
25 2019-08-09 13:30:03.875866: I tensorflow/core/common_runtime/qpu/
   gpu_device.cc:1511] Adding visible gpu devices: 0
26 2019-08-09 13:30:04.269967: I tensorflow/core/common_runtime/gpu/
   gpu_device.cc:982] Device interconnect StreamExecutor with
   strength 1 edge matrix:
27 2019-08-09 13:30:04.270037: I tensorflow/core/common_runtime/gpu/
   gpu_devi ce. cc: 988]
```

- 28 2019-08-09 13:30:04.270053: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1001] 0: N
- 29 2019-08-09 13:30:04.270407: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1115] Created TensorFlow device (/job:localhost/replica:0/task:0/device:GPU:0 with 10409 MB memory) -> physical GPU (device: 0, name: GeForce GTX 1080 Ti, pci bus id: 0000:82:00 .0, compute capability: 6.1)
- 30 ckpt.model\_checkpoint\_path checkpoints/radar\_predrnn\_pp/model.ckpt-120000
- 31 global\_step restore from checkpoint 120000
- 32 2019-08-09 13:31:41.187794: W tensorflow/core/common\_runtime/bfc\_allocator.cc:211] Allocator (GPU\_0\_bfc) ran out of memory trying to allocate 2.10GiB. The caller indicates that this is not a failure, but may mean that there could be performance gains if more memory were available.
- 33 2019-08-09 13:31:41.201681: W tensorflow/core/common\_runtime/bfc\_allocator.cc:211] Allocator (GPU\_0\_bfc) ran out of memory trying to allocate 2.07GiB. The caller indicates that this is not a failure, but may mean that there could be performance gains if more memory were available.
- 34 itr: 120010
- 35 training loss: 5825.3765
- 36 itr: 120020
- 37 training loss: 4765.0605
- 38 itr: 120030
- 39 training loss: 2394.066
- 40 itr: 120040
- 41 training loss: 3983.2607
- 42 itr: 120050
- 43 training loss: 2281.8823
- 44 itr: 120060
- 45 training loss: 4149.026
- 46 itr: 120070
- 47 training loss: 6983.4814
- 48 itr: 120080
- 49 training loss: 2444.3901
- 50 itr: 120090

```
File - interval_pred10_goontrain
   training loss: 3710.1135
52 itr: 120100
53 training loss: 1490.3353
54 itr: 120110
55 training loss: 5092.988
56 itr: 120120
57 training loss: 3861.279
58 itr: 120130
59 training loss: 2159.011
60 itr: 120140
61 training loss: 3713.095
62 itr: 120150
63 training loss: 5970.6484
64 itr: 120160
65 training loss: 3439.2153
66 itr: 120170
67 training loss: 5362.294
68 itr: 120180
69 training loss: 4773.0454
70 itr: 120190
71 training loss: 3394.6091
72 itr: 120200
73 training loss: 6297.7446
74 itr: 120210
   training loss: 6244.077
76 itr: 120220
77 training loss: 2124.8528
78 itr: 120230
79 training loss: 4418.067
80 itr: 120240
   training loss: 5492.8228
82 itr: 120250
83 training loss: 6356.6035
84 itr: 120260
85 training loss: 3907.9797
86 itr: 120270
87 training loss: 2818.4404
```

## File - interval\_pred10\_goontrain 88 itr: 120280 89 training loss: 5265.9033 90 itr: 120290 91 training loss: 5909.1665 92 itr: 120300 93 training loss: 2871.233 94 itr: 120310 95 training loss: 4785.828 96 itr: 120320 97 training loss: 5978.455 98 itr: 120330 99 training loss: 2662.1663 100 itr: 120340 101 training loss: 2907.361 102 itr: 120350 103 training loss: 4811.2466 104 itr: 120360 105 training loss: 7442.952 106 itr: 120370 107 training loss: 4363.2085 108 itr: 120380 109 training loss: 3674.856 110 itr: 120390 111 training loss: 4346.234 112 itr: 120400 113 training loss: 837.6546 114 itr: 120410 115 training loss: 3684.189 116 itr: 120420 117 training loss: 4495.138 118 itr: 120430 119 training loss: 6018.088 120 itr: 120440

121 training loss: 3870.6301

123 training loss: 2675.6052

122 itr: 120450

- 125 training loss: 4659.151
- 126 itr: 120470
- 127 training loss: 4179.0117
- 128 itr: 120480
- 129 training loss: 5749.544
- 130 itr: 120490
- 131 training loss: 4944.509
- 132 itr: 120500
- 133 training loss: 1791.2639
- 134 itr: 120510
- 135 training loss: 2821.295
- 136 itr: 120520
- 137 training loss: 4001.67
- 138 itr: 120530
- 139 training loss: 3527.8264
- 140 itr: 120540
- 141 training loss: 4770.693
- 142 itr: 120550
- 143 training loss: 7034.367
- 144 itr: 120560
- 145 training loss: 3482.0994
- 146 itr: 120570
- 147 training loss: 6571.2573
- 148 itr: 120580
- 149 training loss: 5971.9653
- 150 itr: 120590
- 151 training loss: 4529.9604
- 152 itr: 120600
- 153 training loss: 2893.641
- 154 itr: 120610
- 155 training loss: 2444.1365
- 156 itr: 120620
- 157 training loss: 4340.561
- 158 itr: 120630
- 159 training loss: 879.3671
- 160 itr: 120640
- 161 training loss: 6146.303

## File - interval\_pred10\_goontrain 162 itr: 120650 163 training loss: 4997.739 164 itr: 120660 166 itr: 120670

- 165 training loss: 5486.406
- 167 training loss: 5554.855
- 168 itr: 120680
- 169 training loss: 5591.93
- 170 itr: 120690
- 171 training loss: 4513.491
- 172 itr: 120700
- 173 training loss: 3334.9685
- 174 itr: 120710
- 175 training loss: 3137.5117
- 176 itr: 120720
- 177 training loss: 3307.751
- 178 itr: 120730
- 179 training loss: 5517.7544
- 180 itr: 120740
- 181 training loss: 4739.4146
- 182 itr: 120750
- 183 training loss: 5125.1353
- 184 itr: 120760
- 185 training loss: 6154.6533
- 186 itr: 120770
- 187 training loss: 6646.012
- 188 itr: 120780
- 189 training loss: 3869.823
- 190 itr: 120790
- 191 training loss: 5952.2695
- 192 itr: 120800
- 193 training loss: 1938.7308
- 194 itr: 120810
- 195 training loss: 3452.3506
- 196 itr: 120820
- 197 training loss: 6063.5537
- 198 itr: 120830

File - interval\_pred10\_goontrain 199 training loss: 4839.192 200 itr: 120840 201 training loss: 5495.134 202 itr: 120850 203 training loss: 4492.9614 204 itr: 120860 205 training loss: 5069.457 206 itr: 120870 207 training loss: 2626.6362 208 itr: 120880 209 training loss: 4577.475 210 itr: 120890 211 training loss: 4386.409 212 itr: 120900 213 training loss: 3081.6865 214 itr: 120910 215 training loss: 5280.2046 216 itr: 120920 217 training loss: 6874.461 218 itr: 120930 219 training loss: 3962.9912 220 itr: 120940 221 training loss: 7253.274 222 itr: 120950 223 training loss: 5750.799 224 itr: 120960 225 training loss: 4845.4683 226 itr: 120970 227 training loss: 2042.4624 228 itr: 120980 229 training loss: 2844.6782 230 itr: 120990 231 training loss: 4602.8066 232 itr: 121000 233 training loss: 3004.1167 234 itr: 121010

235 training loss: 3738.8638

File - in	terval_pred10_goontrain
236	
237	training loss: 6487.09
238	
239	training loss: 6106.3545
240	itr: 121040
241	training loss: 2418.6467
242	itr: 121050
243	training loss: 1609.7886
244	itr: 121060
245	training loss: 6632.7627
246	
	training loss: 5046.1724
248	
	training loss: 4316.664
250	
251	J
252	
	training loss: 3283.3945
254	itr: 121110
	training loss: 5958.0938
256	
257	training loss: 3269.8582 itr: 121130
258	
260	training loss: 4897.1084 itr: 121140
	training loss: 4381.9634
262	•
	training loss: 5132.32
264	
	training loss: 4886.9863
266	
267	training loss: 5415.5312
268	
269	training loss: 5026.063
	itr: 121190
271	training loss: 7298.283
272	itr: 121200

File - interval\_pred10\_goontrain 273 training loss: 2331.1057 274 itr: 121210 275 training loss: 5752.362 276 itr: 121220 277 training loss: 4081.6257 278 itr: 121230 279 training loss: 4368.511 280 itr: 121240 281 training loss: 4939.172 282 itr: 121250 283 training loss: 4822.8965 284 itr: 121260 285 training loss: 5970.036 286 itr: 121270 287 training loss: 5233.5186 288 itr: 121280 289 training loss: 2793.1921 290 itr: 121290 291 training loss: 4944.454 292 itr: 121300 293 training loss: 6463.5186 294 itr: 121310 295 training loss: 1432.4324 296 itr: 121320 297 training loss: 4359.455 298 itr: 121330 299 training loss: 2554.6274 300 itr: 121340 301 training loss: 5746.3965 302 itr: 121350 303 training loss: 5219.8735 304 itr: 121360 305 training loss: 5041.331 306 itr: 121370 307 training loss: 1244.1031

308 itr: 121380

309 training loss: 5875.67

File - int	terval_pred10_goontrain
310	itr: 121390
311	training loss: 2079.639
312	itr: 121400
313	training loss: 5431.542
314	itr: 121410
315	training loss: 3281.306
316	itr: 121420
317	training loss: 7727.4517
318	itr: 121430
319	training loss: 3803.5647
320	itr: 121440
321	training loss: 3109.1309
322	itr: 121450
323	training loss: 4585.8633
324	itr: 121460
325	training loss: 2781.048
326	itr: 121470
327	training loss: 5337.3037
328	itr: 121480
329	training loss: 1779.6665
330	itr: 121490
331	training loss: 5047.443
332	itr: 121500
333	training loss: 4286.471
334	itr: 121510
335	training loss: 2986.5964
336	itr: 121520
337	training loss: 2058.2754
338	itr: 121530
339	training loss: 3280.9622
340	itr: 121540
341	training loss: 3904.4553
342	itr: 121550
343	training loss: 5049.7285
344	itr: 121560
345	training loss: 4105.8066
346	itr: 121570

terval_pred10_goontrain
training loss: 3370.818
itr: 121580
training loss: 6788.9863
itr: 121590
training loss: 2226.1565
itr: 121600
training loss: 4278.813
itr: 121610
training loss: 3587.212
itr: 121620
training loss: 3919.0054
itr: 121630
training loss: 5034.68
training loss: 2683.5977
itr: 121650
training loss: 5829.7065
itr: 121660
training loss: 1776.8099
itr: 121670
training loss: 4857.7886
itr: 121680
training loss: 5370.5522
itr: 121690
training loss: 3266.3645
training loss: 2740.3633
itr: 121710
training loss: 3765.8242
itr: 121720
training loss: 3718.1218
itr: 121730
training loss: 4738.9927
itr: 121740
training loss: 2542.4124

382 itr: 121750

383 training loss: 3907.8276

File - int	erval_pred10_goontrain
384	itr: 121760
385	training loss: 1987.4355
386	itr: 121770
387	training loss: 4334.196
388	itr: 121780
389	training loss: 3800.7244
390	itr: 121790
391	training loss: 3925.2612
392	itr: 121800
393	training loss: 2783.1904
394	itr: 121810
395	training loss: 6702.8613
396	itr: 121820
397	training loss: 886.6645
398	itr: 121830
399	training loss: 4816.435
400	itr: 121840
401	training loss: 3634.0452
402	itr: 121850
403	training loss: 2227.0447
404	itr: 121860
405	training loss: 3022.7996
406	itr: 121870
407	training loss: 2944.7065
408	itr: 121880
409	training loss: 4224.783
410	itr: 121890
411	training loss: 5433.2793
412	itr: 121900
413	training loss: 5355.724
414	itr: 121910
415	training loss: 3636.7803
416 417	itr: 121920 training Loss: 2521 0227
417	training loss: 2521.0237 itr: 121930
418	
	training loss: 2589.5483
420	itr: 121940

- 421 training loss: 5506.283
- 422 itr: 121950
- 423 training loss: 6908.031
- 424 itr: 121960
- 425 training loss: 3371.6604
- 426 itr: 121970
- 427 training loss: 5177.8267
- 428 itr: 121980
- 429 training loss: 5947.485
- 430 itr: 121990
- 431 training loss: 2995.6604
- 432 itr: 122000
- 433 training loss: 2065.434
- 434 itr: 122010
- 435 training loss: 6744.792
- 436 itr: 122020
- 437 training loss: 5397.582
- 438 itr: 122030
- 439 training loss: 1594.982
- 440 itr: 122040
- 441 training loss: 1829.3508
- 442 itr: 122050
- 443 training loss: 3220.8506
- 444 itr: 122060
- 445 training loss: 4536.648
- 446 itr: 122070
- 447 training loss: 5073.416
- 448 itr: 122080
- 449 training loss: 2661.1238
- 450 itr: 122090
- 451 training loss: 4593.694
- 452 itr: 122100
- 453 training loss: 4025.2642
- 454 itr: 122110
- 455 training loss: 3219.796
- 456 itr: 122120
- 457 training loss: 5891.3345

```
File - interval_pred10_goontrain
458 itr: 122130
459 training loss: 5516.5737
460 itr: 122140
461 training loss: 4757.892
462 itr: 122150
463 training loss: 4421.4565
464 itr: 122160
465 training loss: 2834.0078
466 itr: 122170
467 training loss: 3912.6104
468 itr: 122180
469 training loss: 2808.4973
470 itr: 122190
471 training loss: 3912.235
472 itr: 122200
473 training loss: 2268.3687
474 itr: 122210
475 training loss: 1587.3146
476 itr: 122220
477 training loss: 3216.833
478 itr: 122230
479 training loss: 2608.924
480 itr: 122240
481 training loss: 3200.613
482 itr: 122250
483 training loss: 2620.3804
484 itr: 122260
485 training loss: 3370.499
486 itr: 122270
487 training loss: 4919.988
488 itr: 122280
489 training loss: 4035.338
490 itr: 122290
491 training loss: 5404.0596
```

492 itr: 122300

494 itr: 122310

493 training loss: 3666.447

495 training loss: 6472.0312 496 itr: 122320 497 training loss: 7361.6343 498 itr: 122330 499 training loss: 3199.9583 500 itr: 122340 501 training loss: 2429.3542 502 itr: 122350 503 training loss: 5765.7173 504 itr: 122360 505 training loss: 4204.7314 506 itr: 122370 507 training loss: 2760.4453 508 itr: 122380 509 training loss: 1336.4388 510 itr: 122390 511 training loss: 4820.1455 512 itr: 122400 513 training loss: 4870.3247 514 itr: 122410 515 training loss: 5929.324 516 itr: 122420 517 training loss: 2921.3472 518 itr: 122430 519 training loss: 3299.9207 520 itr: 122440 521 training loss: 3208.7915 522 itr: 122450 523 training loss: 5723.9766 524 itr: 122460 525 training loss: 5857.4424 526 itr: 122470 527 training loss: 3115.2136 528 itr: 122480 529 training loss: 2473.2937 530 itr: 122490

531 training loss: 5264.2974

F:1a :a	terval_pred10_goontrain
532	
	training loss: 3914.71
534	
	training loss: 2890.1965
536	
	training loss: 3888.5347
538	itr: 122530
539	
540	
541	
542	
543	training loss: 4008.9946
544	itr: 122560
545	training loss: 2927.6255
546	itr: 122570
547	training loss: 6328.856
548	itr: 122580
549	training loss: 5264.657
550	itr: 122590
551	training loss: 3654.116
552	itr: 122600
553	training loss: 6130.87
554	itr: 122610
	training loss: 1749.4597
	itr: 122620
	training loss: 3132.09
558	
	training loss: 5987.548
560	
561	5
562	
	training loss: 5411.9546
	itr: 122660
	training loss: 5115.5474
	itr: 122670
	training loss: 4164.2104
568	itr: 122680

- 569 training loss: 6049.708
- 570 itr: 122690
- 571 training loss: 5384.5264
- 572 itr: 122700
- 573 training loss: 5882.3022
- 574 itr: 122710
- 575 training loss: 3029.5828
- 576 itr: 122720
- 577 training loss: 3573.23
- 578 itr: 122730
- 579 training loss: 3752.5474
- 580 itr: 122740
- 581 training loss: 3780.8438
- 582 itr: 122750
- 583 training loss: 4139.537
- 584 itr: 122760
- 585 training loss: 5820.397
- 586 itr: 122770
- 587 training loss: 2763.458
- 588 itr: 122780
- 589 training loss: 2341.7373
- 590 itr: 122790
- 591 training loss: 1803.5645
- 592 itr: 122800
- 593 training loss: 5898.7583
- 594 itr: 122810
- 595 training loss: 2879.8772
- 596 itr: 122820
- 597 training loss: 4438.6777
- 598 itr: 122830
- 599 training loss: 5226.2056
- 600 itr: 122840
- 601 training loss: 2786.9211
- 602 itr: 122850
- 603 training loss: 4177.2417
- 604 itr: 122860
- 605 training loss: 4238.122

Eilo int	terval_pred10_goontrain
	itr: 122870
	training loss: 3972.2905
	itr: 122880
609	training loss: 4356.931
	itr: 122890
611	training loss: 5776.3657
612	itr: 122900
613	training loss: 4343.767
614	itr: 122910
615	training loss: 2704.903
616	itr: 122920
	training loss: 2311.2007
	itr: 122930
	training loss: 4229.835
	itr: 122940
	training loss: 6939.762
	itr: 122950
	training loss: 4041.0325 itr: 122960
	training loss: 4274.899
	itr: 122970
	training loss: 5399.842
628	itr: 122980
	training loss: 1996.3109
	itr: 122990
631	training loss: 3203.1687
632	itr: 123000
633	training loss: 5882.074
634	itr: 123010
	training loss: 6283.1846
	itr: 123020
	training loss: 3132.3345
638	itr: 123030
	training loss: 3712.4688
	training loss: 4062.0117
642	itr: 123050

677 training loss: 5296.474

679 training loss: 2546.4675

File - int	erval_pred10_goontrain
680	itr: 123240
681	training loss: 4339.769
682	itr: 123250
683	training loss: 5606.307
684	itr: 123260
685	training loss: 4637.05
686	itr: 123270
687	training loss: 6654.2812
688	itr: 123280
689	training loss: 2524.925
690	itr: 123290
691	training loss: 6767.67
692	itr: 123300
693	training loss: 3823.384
694	itr: 123310
695	training loss: 3614.0664
696	itr: 123320
697	training loss: 2644.8274
698	itr: 123330
699	training loss: 6281.009
700	itr: 123340
701	training loss: 7539.061
702	itr: 123350
703	training loss: 5114.7427
704	itr: 123360
705	training loss: 3543.4712
706	itr: 123370
707	training loss: 5513.232
708	itr: 123380
709	training loss: 5754.6343
710	itr: 123390
711	training loss: 3201.03
712	itr: 123400
713	training loss: 4597.3535
714	itr: 123410
715	training loss: 5805.4536
716	itr: 123420

- 717 training loss: 3345.584
- 718 itr: 123430
- 719 training loss: 2323.118
- 720 itr: 123440
- 721 training loss: 3176.8638
- 722 itr: 123450
- 723 training loss: 4129.7236
- 724 itr: 123460
- 725 training loss: 5018.1284
- 726 itr: 123470
- 727 training loss: 6220.383
- 728 itr: 123480
- 729 training loss: 5114.3896
- 730 itr: 123490
- 731 training loss: 5482.192
- 732 itr: 123500
- 733 training loss: 2398.6794
- 734 itr: 123510
- 735 training loss: 2555.645
- 736 itr: 123520
- 737 training loss: 3803.9985
- 738 itr: 123530
- 739 training loss: 1800.8169
- 740 itr: 123540
- 741 training loss: 2466.7217
- 742 itr: 123550
- 743 training loss: 3231.8906
- 744 itr: 123560
- 745 training loss: 2980.7869
- 746 itr: 123570
- 747 training loss: 3336.5332
- 748 itr: 123580
- 749 training loss: 3723.9883
- 750 itr: 123590
- 751 training loss: 3625.1807
- 752 itr: 123600
- 753 training loss: 5102.8916

## File - interval\_pred10\_goontrain 754 itr: 123610 755 training loss: 2137.29 756 itr: 123620 757 training loss: 2928.07 758 itr: 123630 759 training loss: 6106.55 760 itr: 123640 761 training loss: 4016.8594 762 itr: 123650 763 training loss: 4774.0723 764 itr: 123660 765 training loss: 2005.326 766 itr: 123670 767 training loss: 6210.822 768 itr: 123680 769 training loss: 3664.7493 770 itr: 123690 771 training loss: 5399.3833 772 itr: 123700 773 training loss: 6162.53 774 itr: 123710 775 training loss: 4940.3584 776 itr: 123720 777 training loss: 7144.2114 778 itr: 123730 779 training loss: 3411.1868 780 itr: 123740 781 training loss: 4583.923 782 itr: 123750 783 training loss: 1983.3225 784 itr: 123760 785 training loss: 4899.1045 786 itr: 123770

787 training loss: 1539.2161

789 training loss: 5036.9766

788 itr: 123780

File - interval\_pred10\_goontrain 791 training loss: 5421.0947 792 itr: 123800 793 training loss: 5012.7275 794 itr: 123810 795 training loss: 3340.0242 796 itr: 123820 797 training loss: 1803.6636 798 itr: 123830 799 training loss: 3445.3713 800 itr: 123840 801 training loss: 1700.9751 802 itr: 123850 803 training loss: 2390.7893 804 itr: 123860 805 training loss: 2267.9963 806 itr: 123870 807 training loss: 3100.3801 808 itr: 123880 809 training loss: 4541.9053 810 itr: 123890 811 training loss: 6119.413 812 itr: 123900 813 training loss: 3338.6523 814 itr: 123910 815 training loss: 3778.7073 816 itr: 123920 817 training loss: 5324.004 818 itr: 123930 819 training loss: 3221.9302 820 itr: 123940 821 training loss: 1875.1776 822 itr: 123950 823 training loss: 4504.4365 824 itr: 123960 825 training loss: 3950.7017 826 itr: 123970

827 training loss: 3775.8625

File - int	terval_pred10_goontrain
828	itr: 123980
829	training loss: 2109.717
830	itr: 123990
831	training loss: 6085.1787
832	itr: 124000
833	training loss: 5309.2837
834	itr: 124010
835	training loss: 5374.7
836	itr: 124020
837	training loss: 2549.4695
838	itr: 124030
839	training loss: 4495.5317
840	itr: 124040
841	training loss: 4040.2273
842	itr: 124050
843	training loss: 2373.9988
844	itr: 124060
845	training loss: 3970.026
846	itr: 124070
	training loss: 3437.8865
848	itr: 124080
849	5
850	itr: 124090
851	training loss: 4930.1113
852	itr: 124100
853	training loss: 2552.9226
854	itr: 124110
855	training loss: 4322.8022
856	itr: 124120
857	training loss: 6033.1934
858	itr: 124130
859	training loss: 5001.408
860	itr: 124140
861	training loss: 2268.459
862	itr: 124150
863	training loss: 5792.758
864	itr: 124160

865 training loss: 5014.1577 866 itr: 124170 867 training loss: 3801.6406 868 itr: 124180 869 training loss: 4359.171 870 itr: 124190 871 training loss: 4257.512 872 itr: 124200 873 training loss: 2352.7998 874 itr: 124210 875 training loss: 6645.216 876 itr: 124220 877 training loss: 4091.8657 878 itr: 124230 879 training loss: 4642.438 880 itr: 124240 881 training loss: 5398.9062 882 itr: 124250 883 training loss: 4256.698 884 itr: 124260 885 training loss: 4569.2915 886 itr: 124270 887 training loss: 2867.1301 888 itr: 124280 889 training loss: 3334.7256 890 itr: 124290 891 training loss: 3909.0303 892 itr: 124300 893 training loss: 3082.1128 894 itr: 124310 895 training loss: 3884.1406 896 itr: 124320 897 training loss: 5635.481 898 itr: 124330 899 training loss: 4030.6282 900 itr: 124340 901 training loss: 3187.3008

File - int	erval_pred10_goontrain
902	itr: 124350
903	training loss: 4777.9067
904	itr: 124360
905	training loss: 1129.7372
906	itr: 124370
907	training loss: 3307.0383
908	itr: 124380
909	training loss: 2222.9856
910	itr: 124390
911	training loss: 5005.6304
912	itr: 124400
913	training loss: 4266.6914
914	itr: 124410
915	training loss: 1334.4005
916	itr: 124420
917	training loss: 5423.4204
918	itr: 124430
919	training loss: 1264.5208
920	itr: 124440
921	training loss: 4551.4927
922	itr: 124450
923	training loss: 3317.7139
924	itr: 124460
925	training loss: 4287.738
926	itr: 124470
927	training Loss: 1882.3215
928	itr: 124480
929	training loss: 3915.1797
930	itr: 124490
931	training loss: 931.26825
932	itr: 124500
933	training loss: 3312.7083
934	itr: 124510
~ ~ -	

935 training loss: 5219.4756

937 training loss: 4303.8867

936 itr: 124520

974 itr: 124710 975 training loss: 5572.509

970 itr: 124690

972 itr: 124700

971 training loss: 3343.0085

973 training loss: 5176.1597

977 training loss: 5189.1914

979 training loss: 4406.825

980 itr: 124740

981 training loss: 1653.2341

982 itr: 124750

983 training loss: 2976.688

984 itr: 124760

985 training loss: 5740.55

986 itr: 124770

987 training loss: 1190.5

988 itr: 124780

989 training loss: 4016.6973

990 itr: 124790

991 training loss: 3851.9941

992 itr: 124800

993 training loss: 5468.5674

994 itr: 124810

995 training loss: 1666.6313

996 itr: 124820

997 training loss: 4085.6267

998 itr: 124830

999 training loss: 2449.9065

1000 i tr: 124840

1001 training loss: 3630.7007

1002 itr: 124850

1003 training loss: 2083.7056

1004 itr: 124860

1005 training loss: 4841.5933

1006 itr: 124870

1007 training loss: 5949.2935

1008 itr: 124880

1009 training loss: 4464.871

1010 itr: 124890

1011 training loss: 3555.656

```
File - interval_pred10_goontrain
1013 training loss: 4857.7603
1014 itr: 124910
1015 training loss: 2916.23
1016 itr: 124920
1017 training loss: 1695.3097
1018 itr: 124930
1019 training loss: 5731.0425
1020 itr: 124940
1021 training loss: 5060.732
1022 i tr: 124950
1023 training loss: 4460.3228
1024 itr: 124960
1025 training loss: 6634.692
1026 itr: 124970
1027 training loss: 4240.861
1028 itr: 124980
1029 training loss: 5037.4756
1030 itr: 124990
1031 training loss: 5528.2295
1032 itr: 125000
1033 training loss: 6582.3223
1034 test...
1035 mse per seq: 9159.585203735916
1036 616. 7035901104963
1037 709.0413445366753
1038 790. 4289882094772
1039 840. 2015369556568
1040 907. 9169372276024
1041 1004. 9826712431731
1042 1030. 3472028661656
1043 1055. 0363458704066
1044 1083. 276143250642
1045 1121.6504434656215
1046 psnr per frame: 17.266235
1047 18.690681
1048 18.118048
1049 17.783903
```

```
File - interval_pred10_goontrain
1050 17. 54644
1051 17. 28975
1052 16.808737
1053 16.712933
1054 16.620552
1055 16.57501
1056 16.516293
1057 fmae per frame: 1951.9652
1058 1559.7212
1059 1691. 9928
1060 1807.0923
1061
     1875. 6685
1062 1961. 9484
1063 2077.751
1064 2107.5586
1065 2125.0396
1066 2140.977
1067 2171. 9045
1068 ssim per frame: 0.78328574
1069 0.81370497
1070 0.801895
1071 0.79423803
1072 0.78865093
1073 0.7837239
1074 0.7732019
1075 0.7710747
1076 0.76953936
1077 0. 7681129
1078 0.76871496
1079 sharpness per frame: 254.03702
1080 254.87962
1081 254. 78703
1082 254. 35185
1083 254. 46297
1084 254. 27777
1085 253.75
1086 253.85185
```

```
File - interval_pred10_goontrain
1087 253. 09723
1088 253.60185
1089 253. 31018
1090 saved to checkpoints/radar_predrnn_pp
1091 itr: 125010
1092 training loss: 3533.4658
1093 itr: 125020
1094 training loss: 5134.9126
1095 itr: 125030
1096 training loss: 6680.0005
1097 itr: 125040
1098 training loss: 5083.74
1099 itr: 125050
1100 training loss: 3022.8162
1101 itr: 125060
1102 training loss: 6214.7446
1103 itr: 125070
1104 training loss: 3231.6953
1105 itr: 125080
1106 training loss: 2502.612
1107 itr: 125090
1108 training loss: 2800.4534
1109 itr: 125100
1110 training loss: 2970.5173
1111 i tr: 125110
1112 training loss: 6077.7
1113 itr: 125120
1114 training loss: 5265.5186
1115 itr: 125130
1116 training loss: 3578.7522
1117 itr: 125140
1118 training loss: 3363.9502
1119 itr: 125150
1120 training loss: 2406.5134
1121 itr: 125160
1122 training loss: 5323.678
1123 itr: 125170
```

- 1124 training loss: 4292.181
- 1125 itr: 125180
- 1126 training loss: 6233.7656
- 1127 itr: 125190
- 1128 training loss: 5280.7036
- 1129 itr: 125200
- 1130 training loss: 5691.293
- 1131 itr: 125210
- 1132 training loss: 5035.689
- 1133 i tr: 125220
- 1134 training loss: 2287.646
- 1135 itr: 125230
- 1136 training loss: 1385.7625
- 1137 itr: 125240
- 1138 training loss: 7894.7944
- 1139 itr: 125250
- 1140 training loss: 4059.7112
- 1141 itr: 125260
- 1142 training loss: 2999.5615
- 1143 itr: 125270
- 1144 training loss: 2035.1202
- 1145 itr: 125280
- 1146 <u>training loss</u>: 5633.999
- 1147 itr: 125290
- 1148 training loss: 3006.225
- 1149 itr: 125300
- 1150 training loss: 5672.794
- 1151 itr: 125310
- 1152 training loss: 3150.0815
- 1153 itr: 125320
- 1154 training loss: 1546.3112
- 1155 itr: 125330
- 1156 training loss: 3337.9546
- 1157 itr: 125340
- 1158 training loss: 5957.8315
- 1159 itr: 125350
- 1160 training loss: 4069.2412

## File - interval\_pred10\_goontrain

- 1161 itr: 125360
- 1162 training loss: 4536.1323
- 1163 itr: 125370
- 1164 training loss: 4342.742
- 1165 itr: 125380
- 1166 training loss: 5120.567
- 1167 itr: 125390
- 1168 training loss: 5683.2275
- 1169 itr: 125400
- 1170 training loss: 4647.3384
- 1171 itr: 125410
- 1172 training loss: 4313.9946
- 1173 itr: 125420
- 1174 training loss: 2649.2678
- 1175 itr: 125430
- 1176 training loss: 2959.0405
- 1177 itr: 125440
- 1178 training loss: 4066.4263
- 1179 itr: 125450
- 1180 training loss: 4220.31
- 1181 itr: 125460
- 1182 training loss: 1977.2073
- 1183 itr: 125470
- 1184 training loss: 2098.8137
- 1185 itr: 125480
- 1186 training loss: 5702.8325
- 1187 itr: 125490
- 1188 training loss: 6515.2925
- 1189 itr: 125500
- 1190 training loss: 5782.8906
- 1191 itr: 125510
- 1192 training loss: 5166.951
- 1193 itr: 125520
- 1194 training loss: 3856.485
- 1195 itr: 125530
- 1196 training loss: 3283.082
- 1197 itr: 125540

- 1198 training loss: 4510.8467
- 1199 itr: 125550
- 1200 training loss: 5484.611
- 1201 itr: 125560
- 1202 training loss: 5031.1914
- 1203 itr: 125570
- 1204 training loss: 2543.6084
- 1205 itr: 125580
- 1206 training loss: 2138.6333
- 1207 itr: 125590
- 1208 training loss: 4231.4507
- 1209 itr: 125600
- 1210 training loss: 2557.0059
- 1211 itr: 125610
- 1212 training loss: 3601.3467
- 1213 itr: 125620
- 1214 training loss: 4395.0396
- 1215 itr: 125630
- 1216 training loss: 5105.5737
- 1217 itr: 125640
- 1218 training loss: 4185.572
- 1219 itr: 125650
- 1220 training loss: 1687.9366
- 1221 itr: 125660
- 1222 training loss: 4338.3877
- 1223 itr: 125670
- 1224 training loss: 5180.6377
- 1225 itr: 125680
- 1226 training loss: 2148.0454
- 1227 itr: 125690
- 1228 training loss: 2545.2866
- 1229 itr: 125700
- 1230 training loss: 2745.1123
- 1231 itr: 125710
- 1232 training loss: 4270.712
- 1233 itr: 125720
- 1234 training loss: 2429.5027

```
File - interval_pred10_goontrain
1235 itr: 125730
1237 itr: 125740
```

- 1236 training loss: 3115.4966
- 1238 training loss: 5398.961
- 1239 itr: 125750
- 1240 training loss: 2548.8313
- 1241 itr: 125760
- 1242 training loss: 3937.2913
- 1243 itr: 125770
- 1244 training loss: 3623.8994
- 1245 itr: 125780
- 1246 training loss: 3507.525
- 1247 itr: 125790
- 1248 training loss: 3377.7388
- 1249 itr: 125800
- 1250 training loss: 4360.5967
- 1251 itr: 125810
- 1252 training loss: 4631.3145
- 1253 itr: 125820
- 1254 training loss: 4916.1255
- 1255 itr: 125830
- 1256 training loss: 3864.2554
- 1257 itr: 125840
- 1258 training loss: 6657.4507
- 1259 itr: 125850
- 1260 training loss: 5888.347
- 1261 itr: 125860
- 1262 training loss: 7293.652
- 1263 itr: 125870
- 1264 training loss: 6903. 1772
- 1265 itr: 125880
- 1266 training loss: 5130.7515
- 1267 itr: 125890
- 1268 training loss: 6110.492
- 1269 itr: 125900
- 1270 training loss: 1154.7872
- 1271 itr: 125910

- 1272 training loss: 1418.4874
- 1273 itr: 125920
- 1274 training loss: 4675.4775
- 1275 itr: 125930
- 1276 training loss: 5943.6836
- 1277 itr: 125940
- 1278 training loss: 4367.4595
- 1279 itr: 125950
- 1280 training loss: 5944.7197
- 1281 itr: 125960
- 1282 training loss: 5902.2163
- 1283 itr: 125970
- 1284 training loss: 3225.4404
- 1285 itr: 125980
- 1286 training loss: 5951.479
- 1287 itr: 125990
- 1288 training loss: 3295.9749
- 1289 itr: 126000
- 1290 training loss: 4322.2793
- 1291 itr: 126010
- 1292 training loss: 1876.918
- 1293 itr: 126020
- 1294 training loss: 5823.1963
- 1295 itr: 126030
- 1296 training loss: 4264.8374
- 1297 itr: 126040
- 1298 training loss: 4249.745
- 1299 itr: 126050
- 1300 training loss: 6226.6826
- 1301 itr: 126060
- 1302 training loss: 4196.8413
- 1303 itr: 126070
- 1304 training loss: 3860.9028
- 1305 itr: 126080
- 1306 training loss: 5672.5693
- 1307 itr: 126090
- 1308 training loss: 4365.187

```
File - interval_pred10_goontrain
1309 itr: 126100
1310 training loss: 3477.5156
1311 itr: 126110
1312 training loss: 3453.5532
1313 itr: 126120
1314 training loss: 3300.216
1315 itr: 126130
1316 training loss: 2974.6704
1317 itr: 126140
1318 training loss: 5556.2563
1319 itr: 126150
1320 training loss: 2500.7744
1321 itr: 126160
1322 training loss: 4196.5703
1323 itr: 126170
1324 training loss: 943.76855
1325 itr: 126180
1326 training loss: 3216.547
1327 i tr: 126190
1328 training loss: 5886.2007
1329 itr: 126200
1330 training loss: 3348.3079
1331 itr: 126210
1332 training loss: 2826.2925
1333 i tr: 126220
1334 training loss: 2974.978
1335 itr: 126230
1336 training loss: 4305.6074
1337 itr: 126240
1338 training loss: 3763.756
1339 itr: 126250
1340 training loss: 5442.718
1341 itr: 126260
1342 training loss: 3508.4504
```

1345 itr: 126280

1344 training loss: 6191.5776

- 1346 training loss: 5811.7065
- 1347 itr: 126290
- 1348 training loss: 5696.949
- 1349 itr: 126300
- 1350 training loss: 2598.0542
- 1351 itr: 126310
- 1352 training loss: 2146.8765
- 1353 itr: 126320
- 1354 training loss: 5659.708
- 1355 i tr: 126330
- 1356 training loss: 3472.2588
- 1357 itr: 126340
- 1358 training loss: 5004.4863
- 1359 itr: 126350
- 1360 training loss: 6289.4556
- 1361 itr: 126360
- 1362 training loss: 4059.9229
- 1363 itr: 126370
- 1364 training loss: 4335.7236
- 1365 itr: 126380
- 1366 <u>training loss</u>: 4502.566
- 1367 itr: 126390
- 1368 training loss: 4240.585
- 1369 itr: 126400
- 1370 training loss: 4889.875
- 1371 itr: 126410
- 1372 training loss: 3984.9695
- 1373 itr: 126420
- 1374 training loss: 3330.4343
- 1375 itr: 126430
- 1376 training loss: 3831.8025
- 1377 itr: 126440
- 1378 training loss: 4674.1045
- 1379 itr: 126450
- 1380 training loss: 5058.046
- 1381 itr: 126460
- 1382 training loss: 1401.7087

```
File - interval_pred10_goontrain
1383 itr: 126470
1384 training loss: 2479.2808
1385 itr: 126480
1386 training loss: 5925.7305
1387 itr: 126490
1388 training loss: 5475.1797
1389 itr: 126500
1390 training loss: 4294.421
1391 itr: 126510
1392 training loss: 4766.2324
1393 itr: 126520
1394 training loss: 3182.037
1395 itr: 126530
1396 training loss: 5826.148
1397 itr: 126540
1398 training loss: 5507.374
1399 itr: 126550
1400 training loss: 2690.1184
1401 itr: 126560
1402 training loss: 1058.3414
1403 itr: 126570
1404 training loss: 3889.58
1405 itr: 126580
1406 training loss: 1687.5443
1407 i tr: 126590
1408 training loss: 4653.8975
1409 itr: 126600
1410 training loss: 4150.316
1411 itr: 126610
1412 training loss: 5595.638
1413 itr: 126620
1414 training loss: 3988.398
1415 itr: 126630
1416 training loss: 6569.3013
1417 itr: 126640
1418 training loss: 5508.7563
```

- 1420 training loss: 3194.6536
- 1421 itr: 126660
- 1422 training loss: 4744.94
- 1423 itr: 126670
- 1424 training loss: 3603.1533
- 1425 itr: 126680
- 1426 training loss: 4944.29
- 1427 itr: 126690
- 1428 training loss: 2809.9146
- 1429 itr: 126700
- 1430 training loss: 2850.3418
- 1431 itr: 126710
- 1432 training loss: 7128.4775
- 1433 itr: 126720
- 1434 training loss: 1183.5323
- 1435 itr: 126730
- 1436 training loss: 4105.4883
- 1437 itr: 126740
- 1438 training loss: 2640.223
- 1439 itr: 126750
- 1440 training loss: 4855.624
- 1441 itr: 126760
- 1442 training loss: 3773.269
- 1443 itr: 126770
- 1444 training loss: 4353.926
- 1445 itr: 126780
- 1446 training loss: 5065.745
- 1447 itr: 126790
- 1448 training loss: 3330.624
- 1449 itr: 126800
- 1450 training loss: 3815.235
- 1451 itr: 126810
- 1452 training loss: 2579.175
- 1453 itr: 126820
- 1454 training loss: 7084.8003
- 1455 itr: 126830
- 1456 training loss: 4338.3594

```
File - interval_pred10_goontrain
1457 itr: 126840
1458 training loss: 1822.743
1459 itr: 126850
1460 training loss: 3749.2566
1461 itr: 126860
1462 training loss: 3868.29
1463 itr: 126870
1464 training loss: 5321.2124
1465 itr: 126880
1466 training loss: 4012.5503
1467 itr: 126890
1468 training loss: 3732.4734
1469 itr: 126900
1470 training loss: 6463.248
1471 itr: 126910
1472 training loss: 3138.7073
1473 itr: 126920
1474 training loss: 1868.8411
1475 itr: 126930
1476 training loss: 7756.1523
1477 itr: 126940
1478 training loss: 3995.9163
1479 itr: 126950
1480 training loss: 4323.9937
1481 i tr: 126960
1482 training loss: 3892.5833
1483 itr: 126970
1484 training loss: 5045.391
1485 itr: 126980
1486 training loss: 3108.5925
1487 itr: 126990
1488 training loss: 4245.4897
```

1491 itr: 127010

1493 itr: 127020

1490 training loss: 6569.5806

1492 training loss: 3985.8062

- File interval\_pred10\_goontrain 1494 training loss: 1463.4426 1495 itr: 127030 1496 training loss: 4155.408 1497 itr: 127040 1498 training loss: 1873.891 1499 itr: 127050 1500 training loss: 3977.8076 1501 itr: 127060 1502 training loss: 3702.3445 1503 itr: 127070 1504 training loss: 2488.87 1505 itr: 127080 1506 training loss: 2105.0112
- 1507 itr: 127090
- 1508 training loss: 2551.5264
- 1509 itr: 127100
- 1510 training loss: 4133.7266
- 1511 itr: 127110
- 1512 training loss: 4803.5024
- 1513 itr: 127120
- 1514 training loss: 4611.3125
- 1515 itr: 127130
- 1516 training loss: 5241.576
- 1517 <u>i</u>tr: 127140
- 1518 training loss: 5148.037
- 1519 itr: 127150
- 1520 training loss: 4282.8936
- 1521 itr: 1271<u>60</u>
- 1522 training loss: 4800.227
- 1523 itr: 127170
- 1524 training loss: 3238.4956
- 1525 itr: 127180
- 1526 training loss: 3545.0479
- 1527 itr: 127190
- 1528 training loss: 3333.1062
- 1529 itr: 127200
- 1530 training loss: 5474.461

## File - interval\_pred10\_goontrain 1531 itr: 127210 1532 training loss: 2034.6127 1533 itr: 127220 1534 training loss: 2675.4436 1535 itr: 127230 1536 training loss: 4642.3867 1537 itr: 127240 1538 training loss: 5532.9224 1539 itr: 127250 1540 training loss: 3622.3794 1541 itr: 127260 1543 itr: 127270 1545 itr: 127280

- 1542 training loss: 3493.87
- 1544 training loss: 413.7257
- 1546 training loss: 5305.466
- 1547 itr: 127290
- 1548 training loss: 2432.586
- 1549 itr: 127300
- 1550 training loss: 5606.988
- 1551 itr: 127310
- 1552 training loss: 4662.5215
- 1553 itr: 127320
- 1554 training loss: 5908.4634
- 1555 itr: 127330
- 1556 training loss: 7077.5327
- 1557 itr: 127340
- 1558 training loss: 4271.286
- 1559 itr: 127350
- 1560 training loss: 2893.2874
- 1561 itr: 127360
- 1562 training loss: 1859.2368
- 1563 itr: 127370
- 1564 training loss: 3533.3936
- 1565 itr: 127380
- 1566 training loss: 4075.759
- 1567 itr: 127390

1568	training	loss:	3973.	2908
------	----------	-------	-------	------

1570 training loss: 2456.5981

1571 itr: 127410

1572 training loss: 4889.788

1573 itr: 127420

1574 training loss: 4813.023

1575 itr: 127430

1576 training loss: 2167.4722

1577 i tr: 127440

1578 training loss: 2162.237

1579 itr: 127450

1580 training loss: 2891.734

1581 itr: 127460

1582 training loss: 5488.7354

1583 itr: 127470

1584 training loss: 4082.4363

1585 itr: 127480

1586 training loss: 3512.9966

1587 itr: 127490

1588 training loss: 3666.611

1589 itr: 1275<u>00</u>

1590 training loss: 3990.126

1591 itr: 127510

1592 training loss: 6296.346

1593 itr: 127520

1594 training loss: 3652.9797

1595 itr: 127530

1596 training loss: 5101.053

1597 itr: 127540

1598 training loss: 5878.9956

1599 itr: 127550

1600 training loss: 2618.0996

1601 itr: 127560

1602 training loss: 4029.9844

1603 itr: 127570

1604 training loss: 3489.1543

## File - interval\_pred10\_goontrain 1605 itr: 127580

- 1606 training loss: 4211.3755
- 1607 itr: 127590
- 1608 training loss: 2924.7595
- 1609 itr: 127600
- 1610 training loss: 2455.6296
- 1611 itr: 127610
- 1612 training loss: 2659.177
- 1613 itr: 127620
- 1614 training loss: 2631.0261
- 1615 itr: 127630
- 1616 training loss: 2305.9512
- 1617 itr: 127640
- 1618 training loss: 3544.8381
- 1619 itr: 127650
- 1620 training loss: 2492.032
- 1621 itr: 127660
- 1622 training loss: 3204.298
- 1623 itr: 127670
- 1624 training loss: 3494.2659
- 1625 itr: 127680
- 1626 training loss: 1771.9695
- 1627 itr: 127690
- 1628 training loss: 455.08728
- 1629 itr: 127700
- 1630 training loss: 3669.6736
- 1631 itr: 127710
- 1632 training loss: 2813.1995
- 1633 itr: 127720
- 1634 training loss: 5193.216
- 1635 itr: 127730
- 1636 training loss: 4740.3096
- 1637 itr: 127740
- 1638 training loss: 5600.667
- 1639 itr: 127750
- 1640 training loss: 4423.611
- 1641 itr: 127760

- 1642 training loss: 2749.4556
- 1643 itr: 127770
- 1644 training loss: 4470.2627
- 1645 itr: 127780
- 1646 training loss: 5413.335
- 1647 itr: 127790
- 1648 training loss: 1836.2578
- 1649 itr: 127800
- 1650 training loss: 4370.151
- 1651 i tr: 127810
- 1652 training loss: 3546.3145
- 1653 itr: 127820
- 1654 training loss: 2566.318
- 1655 itr: 127830
- 1656 training loss: 720.7197
- 1657 itr: 127840
- 1658 training loss: 3192.1191
- 1659 itr: 127850
- 1660 training loss: 5648.3647
- 1661 itr: 127860
- 1662 training loss: 4263.714
- 1663 itr: 127870
- 1664 training loss: 6544.891
- 1665 itr: 127880
- 1666 training loss: 2863.2515
- 1667 itr: 127890
- 1668 training loss: 3436.9888
- 1669 itr: 127900
- 1670 training loss: 4688.456
- 1671 itr: 127910
- 1672 training loss: 5027.7373
- 1673 itr: 127920
- 1674 training loss: 5864.7925
- 1675 itr: 127930
- 1676 training loss: 3506.0886
- 1677 itr: 127940
- 1678 training loss: 4424.591

```
File - interval_pred10_goontrain
1679 itr: 127950
1680 training loss: 4009.0493
1681 itr: 127960
1682 training loss: 5920.96
1683 itr: 127970
1684 training loss: 3761.3855
1685 itr: 127980
1686 training loss: 2698.5422
1687 itr: 127990
1688 training loss: 3868.0637
1689 itr: 128000
1690 training loss: 5597.089
1691 itr: 128010
1692 training loss: 4328.8867
1693 itr: 128020
1694 training loss: 3685.5552
1695 itr: 128030
1696 training loss: 4376.694
1697 itr: 128040
1698 training loss: 4147.4385
1699 itr: 128050
1700 training loss: 4968.902
1701 itr: 128060
1702 training loss: 4116.3965
1703 i tr: 128070
1704 training loss: 7081.904
1705 itr: 128080
1706 training loss: 5925.586
1707 itr: 128090
1708 training loss: 2318.1616
1709 itr: 128100
1710 training loss: 4568.626
```

1713 itr: 128120

1715 itr: 128130

1712 training loss: 5983.483

1714 training loss: 4959.735

- 1716 training loss: 4981.9604
- 1717 itr: 128140
- 1718 training loss: 3462.1548
- 1719 itr: 128150
- 1720 training loss: 4526.0903
- 1721 itr: 128160
- 1722 training loss: 4388.962
- 1723 itr: 128170
- 1724 training loss: 4207.8916
- 1725 i tr: 128180
- 1726 training loss: 3185.596
- 1727 itr: 128190
- 1728 training loss: 4221.9053
- 1729 itr: 128200
- 1730 training loss: 3113.582
- 1731 itr: 128210
- 1732 training loss: 6094.8413
- 1733 itr: 128220
- 1734 training loss: 5560.251
- 1735 itr: 128230
- 1736 training loss: 3025.482
- 1737 itr: 128240
- 1738 training loss: 2134.5159
- 1739 itr: 128250
- 1740 training loss: 1742.079
- 1741 itr: 128260
- 1742 training loss: 3200.0276
- 1743 itr: 128270
- 1744 training loss: 2755.3423
- 1745 itr: 128280
- 1746 training loss: 6217.2246
- 1747 itr: 128290
- 1748 training loss: 3450.061
- 1749 itr: 128300
- 1750 training loss: 4814.5215
- 1751 itr: 128310
- 1752 training loss: 3656.887

- 1753 itr: 128320
- 1754 training loss: 3081.3335
- 1755 itr: 128330
- 1756 training loss: 5425.219
- 1757 itr: 128340
- 1758 training loss: 3882.7107
- 1759 itr: 128350
- 1760 training loss: 4059.2695
- 1761 itr: 128360
- 1762 training loss: 2838.3003
- 1763 itr: 128370
- 1764 training loss: 5009.931
- 1765 itr: 128380
- 1766 training loss: 2504.6416
- 1767 itr: 128390
- 1768 training loss: 1477.2219
- 1769 itr: 128400
- 1770 training loss: 2466.6208
- 1771 itr: 128410
- 1772 training loss: 3144.599
- 1773 itr: 128420
- 1774 training loss: 3677.3108
- 1775 itr: 128430
- 1776 training loss: 5333.3223
- 1777 itr: 128440
- 1778 training loss: 4323.415
- 1779 itr: 128450
- 1780 training loss: 2288.9058
- 1781 itr: 128460
- 1782 training loss: 6320.6094
- 1783 itr: 128470
- 1784 training loss: 6891.007
- 1785 itr: 128480
- 1786 training loss: 3482.767
- 1787 itr: 128490
- 1788 training loss: 5331.382
- 1789 itr: 128500

File - interval\_pred10\_goontrain 1790 training loss: 3593.4487 1791 itr: 128510 1792 training loss: 3401.0437 1793 itr: 128520 1794 training loss: 2438.7139 1795 itr: 128530 1796 training loss: 3907.1926 1797 itr: 128540 1798 training loss: 3777.8892 1799 itr: 1285<u>50</u> 1800 training loss: 4550.1245 1801 itr: 128560 1802 training loss: 1641.0614 1803 itr: 128570 1804 training loss: 2510.5635 1805 itr: 128580 1806 training loss: 5786.118 1807 itr: 128590 1808 training loss: 4050.1433 1809 itr: 128600 1810 training loss: 2548.5688 1811 itr: 128610 1812 training loss: 2022.8743 1813 itr: 128620 1814 training loss: 4102.928 1815 itr: 128630 1816 training loss: 5014.697 1817 itr: 128640 1818 training loss: 3648.9216 1819 itr: 128650 1820 training loss: 4360.0303 1821 itr: 128660

1822 training loss: 3667.2666

1824 training loss: 4085.1506

1826 training loss: 4262.5854

1823 itr: 128670

1825 itr: 128680

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File - inte	rval_pred10_goontrain
1827	itr: 128690
1828	training loss: 4609.938
1829	itr: 128700
1830	training loss: 4488.536
1831	itr: 128710
1832	J
1833	itr: 128720
1834	training loss: 2337.5295
1835	itr: 128730
1836	training loss: 2689.1877
1837	itr: 128740
1838	training loss: 3694.8867
1839	itr: 128750
1840	training loss: 3907.8823
1841	itr: 128760
1842	training loss: 5119.3423
1843	itr: 128770
1844	training loss: 1689.1608
1845	itr: 128780
1846	training loss: 4647.529
1847	itr: 128790
1848	training loss: 3697.1628
1849	itr: 128800
1850	5
1851	
1852	training loss: 3635.86
1853	
1854	J
1855	itr: 128830
1856	J
1857	itr: 128840
1858	J
1859	itr: 128850
1860	<b>5</b>
1861	itr: 128860
	training loss: 5468.819
1863	itr: 128870

1893 itr: 129020 1894 training loss: 3259.201 1895 itr: 129030 1896 training loss: 1831.887 1897 itr: 129040

1898 training loss: 5962.12

1899 itr: 129050

1900 training loss: 2398.9062

```
File - interval_pred10_goontrain
1901 itr: 129060
1902 training loss: 2085.803
1903 itr: 129070
1904 training loss: 2721.3682
1905 itr: 129080
1906 training loss: 6165.4326
1907 itr: 129090
1908 training loss: 4390.604
1909 itr: 129100
1910 training loss: 4073.278
1911 itr: 129110
1912 training loss: 3600.4739
1913 itr: 129120
1914 training loss: 2166.377
1915 itr: 129130
1916 training loss: 2564.9854
1917 itr: 129140
1918 training loss: 3030.1748
1919 itr: 129150
1920 training loss: 869.6078
1921 itr: 129160
1922 training loss: 4461.865
1923 itr: 129170
1924 training loss: 2872.6238
1925 itr: 129180
1926 training loss: 3208.7036
1927 itr: 129190
1928 training loss: 5952.8623
1929 itr: 129200
1930 training loss: 2455.1475
1931 itr: 129210
1932 training loss: 4492.3315
1933 itr: 129220
1934 training loss: 1789.344
1935 itr: 129230
```

1936 training loss: 4685.52

- 1940 training loss: 4410.7915
- 1942 training loss: 1613.6035
- 1944 training loss: 6635.9463
- 1945 itr: 129280
- 1946 training loss: 4581.6665
- 1947 i tr: 129290
- 1948 training loss: 4585.9575
- 1949 itr: 129300
- 1950 training loss: 2908.7231
- 1951 itr: 129310
- 1952 training loss: 3242.3074
- 1953 itr: 129320
- 1954 training loss: 3174.4272
- 1955 itr: 129330
- 1956 training loss: 6606.401
- 1957 itr: 129340
- 1958 training loss: 3361.774
- 1959 itr: 1293<u>50</u>
- 1960 training loss: 5525.054
- 1961 itr: 129360
- 1962 training loss: 4457.2847
- 1963 itr: 129370
- 1964 training loss: 2633.151
- 1965 itr: 129380
- 1966 training loss: 4538.75
- 1967 itr: 129390
- 1968 training loss: 2727.8096
- 1969 itr: 129400
- 1970 training loss: 3703.5896
- 1971 itr: 129410
- 1972 training loss: 4732.101
- 1973 itr: 129420
- 1974 training loss: 1947.8938

```
File - interval_pred10_goontrain
1975 itr: 129430
1976 training loss: 4127.136
1977 itr: 129440
1978 training loss: 2089.8389
1979 itr: 129450
1980 training loss: 3380.7441
1981 itr: 129460
1982 training loss: 4976.8145
1983 itr: 129470
1984 training loss: 3744.3745
1985 itr: 129480
1986 training loss: 4791.6323
1987 itr: 129490
1988 training loss: 4869.738
1989 itr: 129500
1990 training loss: 5457.74
1991 itr: 129510
1992 training loss: 2745.302
1993 itr: 129520
1994 training loss: 4374.2905
1995 itr: 129530
1996 training loss: 6021.469
1997 itr: 129540
1998 training loss: 5295.1406
1999 itr: 129550
2000 training loss: 6366.872
2001 itr: 129560
2002 training loss: 3948.6948
2003 itr: 129570
2004 training loss: 5730.514
2005 itr: 129580
2006 training loss: 4222.58
2007 itr: 129590
2008 training loss: 2413.6096
```

2011 itr: 129610

2010 training loss: 2503.8547

- 2024 training loss: 3703.3962
- 2026 training loss: 1956.8804
- 2028 training loss: 4802.085
- 2029 itr: 129700
- 2030 training loss: 3637.8594
- 2031 itr: 129710
- 2032 training loss: 2770.0664
- 2033 itr: 129720
- 2034 training loss: 7785.551
- 2035 itr: 129730
- 2036 training loss: 4386.9985
- 2037 itr: 129740
- 2038 training loss: 1092.2762
- 2039 itr: 129750
- 2040 training loss: 5037.6313
- 2041 itr: 129760
- 2042 training loss: 2790.3943
- 2043 itr: 129770
- 2044 training loss: 2118.2139
- 2045 itr: 129780
- 2046 training loss: 3259.8518
- 2047 itr: 129790
- 2048 training loss: 3291.691

```
File - interval_pred10_goontrain
2049 itr: 129800
2050 training loss: 6095.102
2051 itr: 129810
2052 training loss: 3739.5928
2053 itr: 129820
2054 training loss: 6592.0215
2055 itr: 129830
2056 training loss: 5555.644
2057 itr: 129840
2058 training loss: 1614.3412
2059 itr: 129850
2060 training loss: 2795.8677
2061 itr: 129860
2062 training loss: 3745.3257
2063 itr: 129870
2064 training loss: 4780.0957
2065 itr: 129880
2066 training loss: 3379.97
2067 itr: 129890
2068 training loss: 3320.227
2069 itr: 129900
2070 training loss: 2277.699
2071 itr: 129910
2072 training loss: 5496.232
2073 itr: 129920
2074 training loss: 2679.5864
2075 itr: 129930
2076 training loss: 3559.6204
2077 itr: 129940
2078 training loss: 2866.5413
2079 itr: 129950
2080 training loss: 3361.9028
2081 itr: 129960
2082 training loss: 5724.923
2083 itr: 129970
2084 training loss: 5921.314
```

```
File - interval_pred10_goontrain
2086 training loss: 4194.642
2087 itr: 129990
2088 training loss: 5073.861
2089 itr: 130000
2090 training loss: 3060.508
2091 test...
2092 mse per seq: 8829.30547926161
2093 617. 7182628490307
2094 708. 0147213406033
2095 780. 7213223775228
2096 825. 2382784242983
2097 886. 9337360240795
2098 973. 9822435732241
2099 986. 962644788954
2100 996. 3717234576189
2101 1015. 6282889754684
2102 1037. 7342574508102
2103 psnr per frame: 17.38338
2104 18.6907
2105 18. 125261
2106 17.818356
2107 17.59575
2108 17.380146
2109 16. 932169
2110 16.874672
2111 16.827765
2112 16. 80306
2113 16. 785921
2114 fmae per frame: 1867.6849
2115 1491. 4812
2116 1632.674
2117 1744.6222
2118 1808.8044
2119 1889. 3682
2120 1999. 3452
2121 2016. 3883
2122 2021. 9083
```

```
File - interval_pred10_goontrain
2123 2028.8693
2124 2043.3884
2125 ssim per frame: 0.7887744
2126 0.81909806
2127 0.8065488
2128 0.79854786
2129 0.79345405
2130 0.78916085
2131 0.7783872
2132 0.7766735
2133 0.77575535
2134 0.7747718
2135 0.77534634
2136 sharpness per frame: 254.67314
2137 255.0
2138 254.86111
2139 254.87962
2140 254.88426
2141 254. 58797
2142 254. 71297
2143 254.625
2144 254. 52315
2145 254. 56018
2146 254. 09723
2147 saved to checkpoints/radar_predrnn_pp
2148 itr: 130010
2149 training loss: 2575.2302
2150 itr: 130020
2151 training loss: 1932.923
2152 itr: 130030
2153 training loss: 4259.2793
2154 itr: 130040
2155 training loss: 2326.55
2156 itr: 130050
2157 training loss: 2285.0017
2158 itr: 130060
2159 training loss: 2817.8281
```

```
File - interval_pred10_goontrain
2160 itr: 130070
2161 training loss: 4848.883
2162 itr: 130080
2163 training loss: 2611.6472
2164 itr: 130090
2165 training loss: 3120.62
2166 itr: 130100
2167 training loss: 3074.1833
2168 itr: 130110
2169 training loss: 4275.827
2170 itr: 130120
2171 training loss: 1499.4658
2172 itr: 130130
2173 training loss: 2910.5815
2174 itr: 130140
2175 training loss: 4146.029
2176 itr: 130150
2177 training loss: 3997.5168
2178 itr: 130160
2179 training loss: 3233.9216
2180 itr: 130170
2181 training loss: 5337.856
2182 itr: 130180
2183 training loss: 5066.4688
2184 i tr: 130190
2185 training loss: 6632.6973
2186 itr: 130200
2187 training loss: 4803.3667
2188 itr: 130210
2189 training loss: 4495.2534
2190 itr: 130220
2191 training loss: 4975.5586
2192 itr: 130230
2193 training loss: 6219.5933
2194 itr: 130240
```

2195 training loss: 6223.9727

- 2197 training loss: 3063.5938
- 2198 itr: 130260
- 2199 training loss: 4344.4385
- 2200 itr: 130270
- 2201 training loss: 4410.55
- 2202 itr: 130280
- 2203 training loss: 5761.1875
- 2204 itr: 130290
- 2205 training loss: 2259.0332
- 2206 itr: 130300
- 2207 training loss: 5291.9844
- 2208 itr: 130310
- 2209 training loss: 3630.1794
- 2210 itr: 130320
- 2211 training loss: 3270.3948
- 2212 itr: 130330
- 2213 training loss: 4230.65
- 2214 itr: 130340
- 2215 training loss: 2653.4673
- 2216 itr: 130350
- 2217 training loss: 3368.043
- 2218 itr: 130360
- 2219 training loss: 3077.963
- 2220 itr: 130370
- 2221 training loss: 4069.0
- 2222 itr: 130380
- 2223 training loss: 1343.7655
- 2224 itr: 130390
- 2225 training loss: 3167.2725
- 2226 itr: 130400
- 2227 training loss: 4331.9863
- 2228 itr: 130410
- 2229 training loss: 3273.3167
- 2230 itr: 130420
- 2231 training loss: 3766.544
- 2232 itr: 130430
- 2233 training loss: 3133.4932

```
File - interval_pred10_goontrain
2234 itr: 130440
2235 training loss: 4086.8643
2236 itr: 130450
2237 training loss: 4922.3145
2238 itr: 130460
2239 training loss: 4041.4915
2240 itr: 130470
2241 training loss: 3855.7002
2242 itr: 130480
2243 training loss: 5028.2393
2244 itr: 130490
2245 training loss: 4626.742
2246 itr: 130500
2247 training loss: 6939.9043
2248 itr: 130510
2249 training loss: 3171.172
2250 itr: 130520
2251 training loss: 4704.884
2252 itr: 130530
2253 training loss: 6812.501
2254 itr: 130540
2255 training loss: 753.59705
2256 itr: 130550
2257 training loss: 5825.11
2258 itr: 130560
2259 training loss: 4227.108
2260 itr: 130570
2261 training loss: 4912.59
2262 itr: 130580
2263 training loss: 3151.156
2264 itr: 130590
2265 training loss: 975.723
2266 itr: 130600
2267 training loss: 6085.997
2268 itr: 130610
2269 training loss: 2873.058
```

- 2283 training loss: 5708.2046
- 2285 training loss: 3736.8298
- 2287 training loss: 3570.563
- 2288 itr: 130710
- 2289 training loss: 4167.7446
- 2290 itr: 130720
- 2291 training loss: 5499.59
- 2292 itr: 130730
- 2293 training loss: 3835.3318
- 2294 itr: 130740
- 2295 training loss: 2816.229
- 2296 itr: 130750
- 2297 training loss: 5742.562
- 2298 itr: 130760
- 2299 training loss: 2243.8767
- 2300 i tr: 130770
- 2301 training loss: 5726.721
- 2302 itr: 130780
- 2303 training loss: 4366.1567
- 2304 itr: 130790
- 2305 training loss: 6241.5
- 2306 itr: 130800
- 2307 training loss: 5448.628

```
File - interval_pred10_goontrain
2308 itr: 130810
2309 training loss: 3258.588
2310 itr: 130820
2311 training loss: 4357.181
2312 itr: 130830
2313 training loss: 6417.4604
2314 itr: 130840
2315 training loss: 3223.107
2316 itr: 130850
2317 training loss: 4332.3604
2318 itr: 130860
2319 training loss: 1763.3425
2320 itr: 130870
2321 training loss: 4458.412
2322 itr: 130880
2323 training loss: 4743.05
2324 itr: 130890
2325 training loss: 3735.251
2326 itr: 130900
2327 training loss: 4289.0034
2328 itr: 130910
2329 training loss: 3067.252
2330 itr: 130920
2331 training loss: 4538.0127
2332 itr: 130930
2333 training loss: 1522.0735
2334 itr: 130940
2335 training loss: 4466.4297
2336 itr: 130950
2337 training loss: 4376.284
2338 itr: 130960
2339 training loss: 2543.9036
2340 itr: 130970
2341 training loss: 2726.2148
2342 itr: 130980
2343 training loss: 3282.7659
2344 itr: 130990
```

File - inte	rval_pred10_goontrain	
2345	training loss: 3728.731	
2346	itr: 131000	
2347	training loss: 2119.227	٦
2348	itr: 131010	
2349	training Loss: 6513.613	
2350	itr: 131020	
2351	training loss: 4651.59	
2352	itr: 131030	
2353	training loss: 5307.371	6
2354	itr: 131040	
2355	training Loss: 4788.821	
2356	itr: 131050	
2357	training Loss: 3883.644	8
2358	itr: 131060	
2359	training Loss: 4885.982	4
2360	itr: 131070	
2361	training Loss: 2330.909	
2362	itr: 131080	
2363	training Loss: 3783.743	2
2364	itr: 131090	
2365	training loss: 1425.561	8
2366	itr: 131100	
2367	training loss: 3819.643	6
2368	itr: 131110	
2369	training loss: 3493.643	6
2370	itr: 131120	
2371	training loss: 4796.477	5
2372	itr: 131130	
2373	training loss: 2926.815	7
2374	itr: 131140	
2375	training loss: 4269.802	2
2376	itr: 131150	
2377	training Loss: 5911.115	7
2378	itr: 131160	
2379	training Loss: 5218.864	7
2380	itr: 131170	

2381 training loss: 3946.5464

```
File - interval_pred10_goontrain
2382 itr: 131180
2383 training loss: 4008.772
2384 itr: 131190
2385 training loss: 3173.598
2386 itr: 131200
2387 training loss: 4922.6978
2388 itr: 131210
2389 training loss: 2974.7615
2390 itr: 131220
2391 training loss: 4404.538
2392 itr: 131230
2393 training loss: 4871.648
2394 itr: 131240
2395 training loss: 5004.835
2396 itr: 131250
2397 training loss: 5717.174
2398 itr: 131260
2399 training loss: 4337.7827
2400 itr: 131270
2401 training loss: 3473.825
2402 itr: 131280
2403 training loss: 4391.0596
2404 itr: 131290
2405 training loss: 4624.783
2406 itr: 131300
2407 training loss: 4385.3794
2408 itr: 131310
2409 training loss: 5202.1743
2410 itr: 131320
2411 training loss: 6037.8794
2412 itr: 131330
2413 training loss: 6297.2266
2414 itr: 131340
2415 training loss: 3348.8213
2416 itr: 131350
2417 training loss: 3556.179
2418 itr: 131360
```

- 2419 training loss: 2591.5938
- 2420 itr: 131370
- 2421 training loss: 3221.8132
- 2422 itr: 131380
- 2423 training loss: 4200.8125
- 2424 itr: 131390
- 2425 training loss: 5499.1787
- 2426 itr: 131400
- 2427 training loss: 5594.293
- 2428 itr: 131410
- 2429 training loss: 3693.7544
- 2430 itr: 131420
- 2431 training loss: 2580.6077
- 2432 itr: 131430
- 2433 training loss: 5883.698
- 2434 itr: 131440
- 2435 training loss: 1880.1042
- 2436 itr: 131450
- 2437 training loss: 2842.3652
- 2438 itr: 131460
- 2439 training loss: 4614.2856
- 2440 itr: 131470
- 2441 training loss: 2941.979
- 2442 itr: 131480
- 2443 training loss: 3072.9304
- 2444 itr: 131490
- 2445 training loss: 3623.8047
- 2446 itr: 131500
- 2447 training loss: 5931.2754
- 2448 itr: 131510
- 2449 training loss: 4339.536
- 2450 itr: 131520
- 2451 training loss: 7148.635
- 2452 itr: 131530
- 2453 training loss: 4307.6455
- 2454 itr: 131540
- 2455 training loss: 5262.2085

```
File - interval_pred10_goontrain
2456 itr: 131550
2457 training loss: 3475.5586
2458 itr: 131560
2459 training loss: 3448.213
2460 itr: 131570
2461 training loss: 4079.251
2462 itr: 131580
2463 training loss: 3715.0986
2464 itr: 131590
2465 training loss: 5044.4556
2466 itr: 131600
2467 training loss: 6053.131
2468 itr: 131610
2469 training loss: 3587.4956
2470 itr: 131620
2471 training loss: 1555.3401
2472 itr: 131630
2473 training loss: 4436.27
2474 itr: 131640
2475 training loss: 3146.4114
2476 itr: 131650
2477 training loss: 5655.9043
2478 itr: 131660
2479 training loss: 1972.5125
2480 itr: 131670
2481 training loss: 3394.0625
2482 itr: 131680
2483 training loss: 4813.6553
2484 itr: 131690
2485 training loss: 3875.9321
2486 itr: 131700
2487 training loss: 2752.2256
2488 itr: 131710
2489 training loss: 4744.1196
```

2492 itr: 131730

2491 training loss: 3960.0212

2523 training loss: 1922.4076 2524 itr: 131890 2525 training loss: 4298.8223 2526 itr: 131900 2527 training loss: 4028.7073 2528 itr: 131910 2529 training loss: 5605.5127

```
File - interval_pred10_goontrain
2530 itr: 131920
2531 training loss: 2645.9312
2532 itr: 131930
2533 training loss: 4543.8574
2534 itr: 131940
2535 training loss: 3511.6265
2536 itr: 131950
2537 training loss: 4899.825
2538 itr: 131960
2539 training loss: 1618.8518
2540 itr: 131970
2541 training loss: 4714.313
2542 itr: 131980
2543 training loss: 2857.8496
2544 itr: 131990
2545 training loss: 5760.5654
2546 itr: 132000
2547 training loss: 6142.464
2548 itr: 132010
2549 training loss: 2120.696
2550 itr: 132020
2551 training loss: 6361.1997
2552 itr: 132030
2553 training loss: 6623.744
2554 itr: 132040
2555 training loss: 3718.6582
2556 itr: 132050
2557 training loss: 4136.8853
2558 itr: 132060
2559 training loss: 3428.2258
2560 itr: 132070
2561 training loss: 4737.5884
2562 itr: 132080
2563 training loss: 4112.5093
2564 itr: 132090
2565 training loss: 4990.0605
```

2603 training loss: 1239.7977

```
File - interval_pred10_goontrain
2604 itr: 132290
2605 training loss: 3173.0952
2606 itr: 132300
2607 training loss: 2900.8079
2608 itr: 132310
2609 training loss: 2314.9102
2610 itr: 132320
2611 training loss: 4915.723
2612 itr: 132330
2613 training loss: 5391.076
2614 itr: 132340
2615 training loss: 3515.5784
2616 itr: 132350
2617 training loss: 6684.642
2618 itr: 132360
2619 training loss: 5889.1147
2620 itr: 132370
2621 training loss: 2139.654
2622 itr: 132380
2623 training loss: 3170.5972
2624 itr: 132390
2625 training loss: 5020.3564
2626 itr: 132400
2627 training loss: 4288.02
2628 itr: 132410
2629 training loss: 5815.6963
2630 itr: 132420
2631 training loss: 4431.8516
2632 itr: 132430
2633 training loss: 3764.0994
2634 itr: 132440
2635 training loss: 1702.5605
2636 itr: 132450
2637 training loss: 3316.729
2638 itr: 132460
```

2639 training loss: 5114.8335

2669 training loss: 2809.5732
2670 itr: 132620
2671 training loss: 1798.664
2672 itr: 132630
2673 training loss: 1301.7343
2674 itr: 132640
2675 training loss: 3173.5342
2676 itr: 132650
2677 training loss: 3717.443

```
File - interval_pred10_goontrain
2678 itr: 132660
2679 training loss: 3720.5886
2680 itr: 132670
2681 training loss: 3674.09
2682 itr: 132680
2683 training loss: 3678.9404
2684 itr: 132690
2685 training loss: 5074.6177
2686 itr: 132700
2687 training loss: 2826.2942
2688 itr: 132710
2689 training loss: 4950.9126
2690 itr: 132720
2691 training loss: 5324.7954
2692 itr: 132730
2693 training loss: 2453.701
2694 itr: 132740
2695 training loss: 3831.9055
2696 itr: 132750
2697 training loss: 4418.1157
2698 itr: 132760
2699 training loss: 1503.3048
2700 itr: 132770
2701 training loss: 6801.6084
2702 itr: 132780
2703 training loss: 5092.027
2704 itr: 132790
2705 training loss: 5316.6963
2706 itr: 132800
2707 training loss: 6492.142
2708 itr: 132810
2709 training loss: 4026.7083
2710 itr: 132820
2711 training loss: 6141.085
```

2712 itr: 132830

2714 itr: 132840

2713 training loss: 3673.0056

- 2715 training loss: 3901.7756
- 2716 itr: 132850
- 2717 training loss: 1629.8925
- 2718 itr: 132860
- 2719 training loss: 4824.3223
- 2720 itr: 132870
- 2721 training loss: 5106.436
- 2722 itr: 132880
- 2723 training loss: 4073.1116
- 2724 itr: 132890
- 2725 training loss: 7304.0327
- 2726 itr: 132900
- 2727 training loss: 2649.7417
- 2728 itr: 132910
- 2729 training loss: 1277.1523
- 2730 itr: 132920
- 2731 training loss: 2127.1987
- 2732 itr: 132930
- 2733 training loss: 2544.1873
- 2734 itr: 132940
- 2735 training loss: 6238.738
- 2736 itr: 132950
- 2737 training loss: 4942.418
- 2738 itr: 132960
- 2739 training loss: 2463.0452
- 2740 itr: 132970
- 2741 training loss: 3592.7747
- 2742 itr: 132980
- 2743 training loss: 3862.623
- 2744 itr: 132990
- 2745 training loss: 2536.4277
- 2746 itr: 133000
- 2747 training loss: 1987.2788
- 2748 itr: 133010
- 2749 training loss: 3303.7207
- 2750 itr: 133020
- 2751 training loss: 1363.269

```
File - interval_pred10_goontrain
2752 itr: 133030
2753 training loss: 3878.1963
2754 itr: 133040
2755 training loss: 6430.872
2756 itr: 133050
2757 training loss: 4056.1982
2758 itr: 133060
2759 training loss: 5884.6875
2760 itr: 133070
2761 training loss: 833.7327
2762 itr: 133080
2763 training loss: 5132.2393
2764 itr: 133090
2765 training loss: 5851.326
2766 itr: 133100
2767 training loss: 5736.7144
2768 itr: 133110
2769 training loss: 4436.132
2770 itr: 133120
2771 training loss: 3377.1536
2772 itr: 133130
2773 training loss: 3825.8623
2774 itr: 133140
2775 training loss: 4647.334
2776 itr: 133150
2777 training loss: 3799.2114
2778 itr: 133160
2779 training loss: 5329.502
2780 itr: 133170
2781 training loss: 2977.748
2782 itr: 133180
2783 training loss: 2837.4473
2784 itr: 133190
```

2785 training loss: 2807.703

2787 training loss: 3860.6536

2786 itr: 133200

2788 itr: 133210

2822 itr: 133380

2824 itr: 133390

2823 training loss: 4832.9565

2825 training loss: 4600.5767

File inte	rval_pred10_goontrain
	itr: 133400
	training loss: 1961.1136
	itr: 133410
2829	
2830	
2831	training loss: 3898.7102
2832	itr: 133430
2833	training loss: 4160.818
2834	itr: 133440
2835	training loss: 5292.326
2836	itr: 133450
2837	training lo <u>ss: 2496.266</u> 6
2838	itr: 133460
2839	training loss: 4356.6577
2840	itr: 133470
2841	training loss: 6096.2217
2842	itr: 133480
2843	training loss: 3843.5918
2844	itr: 133490
2845	training loss: 6832.6406
2846	itr: 133500
2847	training loss: 4144.353
2848	itr: 133510
2849	J
	itr: 133520
	training loss: 4030.6245
2852	
	training loss: 922.5808
2854	
	training loss: 4991.949
2856	
	training loss: 3075.2898
2858	
	training loss: 5964.28
2860	
	training loss: 2591.5847
2862	itr: 133580

File - inte	rval_pred10_goontrain
	training loss: 2670.651
2864	
2865	training loss: 2008.5854
2866	itr: 133600
2867	training Loss: 3205.3286
2868	itr: 133610
2869	training loss: 3603.21
2870	itr: 133620
2871	training loss: 5250.359
2872	itr: 133630
2873	training loss: 3668.954
2874	itr: 133640
2875	training loss: 4753.452
2876	itr: 133650
2877	training loss: 5868.013
2878	
2879	5
2880	itr: 133670
2881	training loss: 3897.3616
2882	itr: 133680
2883	training loss: 3928.9968
2884	itr: 133690
2885	training loss: 6620.2275
	itr: 133700
	training loss: 3159.428
2888	
2889	J 1
2890	
2891 2892	5
2894	training loss: 3338.9724 itr: 133740
2895	
2896	itr: 133750
2897	
2898	itr: 133760
2070	111. 133700

2899 training loss: 4413.0806

```
File - interval_pred10_goontrain
2900 itr: 133770
2901 training loss: 3546.0007
2902 itr: 133780
2903 training loss: 4559.911
2904 itr: 133790
2905 training loss: 4959. 255
2906 itr: 133800
2907 training loss: 4943.5073
2908 itr: 133810
2909 training loss: 3482.1882
2910 itr: 133820
2911 training loss: 7547.1143
2912 itr: 133830
2913 training loss: 5046.777
2914 itr: 133840
2915 training loss: 6201.246
2916 itr: 133850
2917 training loss: 2876.0693
2918 itr: 133860
2919 training loss: 1988.7288
2920 itr: 133870
2921 training loss: 4126.3984
2922 itr: 133880
2923 training loss: 4110.4053
2924 itr: 133890
2925 training loss: 2804.9897
2926 itr: 133900
2927 training loss: 4811.1255
2928 itr: 133910
2929 training loss: 918.1776
2930 itr: 133920
2931 training loss: 3288.097
2932 itr: 133930
2933 training loss: 2543.0273
2934 itr: 133940
2935 training loss: 2768.483
2936 itr: 133950
```

File - inter	rval_pred10_goontrain
2937	training loss: 3096.1357
2938	itr: 133960
2939	training loss: 5652.037
2940	itr: 133970
2941	training loss: 3785.4976
2942	itr: 133980
2943	J 1
2944	itr: 133990
2945	training loss: 4048.812
2946	itr: 134000
2947	
2948	itr: 134010
2949	J 1
2950	itr: 134020
2951	training loss: 3688.193
2952	itr: 134030
2953	training loss: 5611.3867
2954	itr: 134040
2955	training loss: 3986.967
2956	itr: 134050
2957	training loss: 2697.8657
2958	itr: 134060
2959	training loss: 5231.498
2960	itr: 134070
2961	training loss: 5311.086
2962	itr: 134080
2963	training loss: 4761.2305
2964	itr: 134090
2965	training loss: 6250.049
2966	itr: 134100
2967	training loss: 3228.6228
2968	itr: 134110
2969	training loss: 4555.606
2970	itr: 134120
2971	training loss: 1788.9141
2972	itr: 134130
0070	1 1 1 1 1005 5474

2973 training loss: 4285.5464

```
File - interval_pred10_goontrain
2974 itr: 134140
2975 training loss: 2656.5947
2976 itr: 134150
2977 training loss: 2966.1047
2978 itr: 134160
2979 training loss: 5916.2856
2980 itr: 134170
2981 training loss: 3792.619
2982 itr: 134180
2983 training loss: 3176.2954
2984 itr: 134190
2985 training loss: 3854.2922
2986 itr: 134200
2987 training loss: 3155.6267
2988 itr: 134210
2989 training loss: 2467.0706
2990 itr: 134220
2991 training loss: 4865.0693
2992 itr: 134230
2993 training loss: 4208.868
2994 itr: 134240
2995 training loss: 5012.9844
2996 itr: 134250
2997 training loss: 1772.5643
2998 itr: 134260
2999 training loss: 1974.6586
3000 itr: 134270
3001 training loss: 4391.6875
3002 itr: 134280
3003 training loss: 3967.0718
3004 itr: 134290
3005 training loss: 4807.9326
3006 itr: 134300
3007 training loss: 2703.6582
3008 itr: 134310
3009 training loss: 3736.374
```

3010 itr: 134320

File - inte	rval_pred10_goontrain
3011	training loss: 5713.422
3012	itr: 134330
3013	training loss: 4308.4595
3014	itr: 134340
3015	training loss: 4636.951
3016	itr: 134350
3017	training loss: 4439.805
3018	itr: 134360
3019	training loss: 1477.9031
3020	itr: 134370
3021	training loss: 3464.2234
3022	itr: 134380
3023	training loss: 3900.954
3024	itr: 134390
3025	training loss: 4811.5825
3026	itr: 134400
3027	training loss: 1230.7831
3028	itr: 134410
3029	training loss: 4901.059
3030	itr: 134420
3031	training loss: 3981.7837
3032	itr: 134430
3033	training loss: 5281.3516
3034	itr: 134440
	training loss: 6160.6953
3036	
	training loss: 4153.2725
	itr: 134460
3039	training loss: 4408.8955 itr: 134470
3040	
3041	
	training loss: 2605.57
3043	
	training loss: 5404.5747
3046	
3047	training loss: 4269.0835
50 T /	training 1033. 1207.0033

```
File - interval_pred10_goontrain
3048 itr: 134510
3049 training loss: 3449.7292
3050 itr: 134520
3051 training loss: 1567.0465
3052 itr: 134530
3053 training loss: 3647.0085
3054 itr: 134540
3055 training loss: 6873.2144
3056 itr: 134550
3057 training loss: 7456.1455
3058 itr: 134560
3059 training loss: 5029.3164
3060 itr: 134570
3061 training loss: 2011.2797
3062 itr: 134580
3063 training loss: 4319.5005
3064 itr: 134590
3065 training loss: 2325.7024
3066 itr: 134600
3067 training loss: 3467.327
3068 itr: 134610
3069 training loss: 3929.6797
3070 itr: 134620
3071 training loss: 3222.7644
3072 itr: 134630
3073 training loss: 1101.5566
3074 itr: 134640
3075 training loss: 4857.7676
3076 itr: 134650
3077 training loss: 5149.2803
3078 itr: 134660
3079 training loss: 5708.7285
3080 itr: 134670
3081 training loss: 2317.53
3082 itr: 134680
3083 training loss: 3282.3616
3084 itr: 134690
```

File - inte	rval_pred10_goontrain
3085	training loss: 6589.619
3086	itr: 134700
3087	training Loss: 2981.501
3088	itr: 134710
3089	training loss: 5049.1343
3090	itr: 134720
3091	training loss: 2788.7036
3092	itr: 134730
3093	training loss: 5356.0063
3094	itr: 134740
3095	training loss: 2557.4907
3096	itr: 134750
3097	training loss: 6625.329
3098	itr: 134760
3099	J
3100	itr: 134770
3101	training loss: 3773.5488
3102	itr: 134780
3103	3
3104	
3105	5
3106	itr: 134800
3107	training loss: 5484.4404
3108	itr: 134810
3109	J
3110	
3111	J
3112	
3113	J
3114	
3115	J
3116	itr: 134850
3117	J
3118	
3119	J
3120	
3121	training loss: 2773.9119

```
File - interval_pred10_goontrain
3122 i tr: 134880
3123 training loss: 4902.361
3124 itr: 134890
3125 training loss: 4615.966
3126 itr: 134900
3127 training loss: 4073.4915
3128 itr: 134910
3129 training loss: 4968.2896
3130 itr: 134920
3131 training loss: 3458.0254
3132 itr: 134930
3133 training loss: 3956.2598
3134 itr: 134940
3135 training loss: 3983.753
3136 itr: 134950
3137 training loss: 2495.7874
3138 itr: 134960
3139 training loss: 3964.1123
3140 itr: 134970
3141 training loss: 7560.5225
3142 itr: 134980
3143 training loss: 3535.3203
3144 itr: 134990
3145 training loss: 4157.276
3146 itr: 135000
3147 training loss: 5329.904
3148 test...
3149 mse per seq: 8912.832687024717
3150 617. 3612073262533
3151 709. 8468893545645
3152 785. 5646596837927
3153 828. 2639572708695
3154 888. 1908329151295
3155 985. 1852904425728
3156 1000. 3191397631609
3157 1012. 3274016203703
3158 1029. 7994594573975
```

```
File - interval_pred10_goontrain
3159 1055. 973849190606
3160 psnr per frame: 17.361208
3161 18. 69176
3162 18.1186
3163 17. 79351
3164 17. 586998
3165 17.38544
3166 16.89512
3167 16.833977
3168 16. 78395
3169 16. 766104
3170 16.75662
3171 fmae per frame: 1947.112
3172 1583.044
3173 1714.6538
3174 1824. 3953
3175 1882.7162
3176 1958.071
3177 2074. 2896
3178 2095. 4973
3179 2103.3748
3180 2109.989
3181 2125.092
3182 ssim per frame: 0.79561794
3183 0.82534707
3184 0.81338704
3185 0.8053923
3186 0.80009776
3187 0. 7958513
3188 0.7849915
3189 0.7836827
3190 0.78265864
3191 0.78168136
3192 0.78309023
3193 sharpness per frame: 254.6741
3194 255.0
3195 254.83333
```

```
File - interval_pred10_goontrain
3196 254.61111
3197 254. 89352
3198 254. 94908
3199 254. 47223
3200 254.66667
3201 254. 75926
3202 254. 51852
3203 254.03703
3204 saved to checkpoints/radar_predrnn_pp
3205 itr: 135010
3206 training loss: 1912.179
3207 itr: 135020
3208 training loss: 4276.657
3209 itr: 135030
3210 training loss: 4532.95
3211 itr: 135040
3212 training loss: 4255.9233
3213 itr: 135050
3214 training loss: 2848.9915
3215 itr: 135060
3216 training loss: 4841.7764
3217 itr: 135070
3218 training loss: 3771.1365
3219 itr: 135080
3220 training loss: 5334.628
3221 itr: 135090
3222 training loss: 4056.3025
3223 itr: 135100
3224 training loss: 3789.4053
3225 itr: 135110
3226 training loss: 2315.938
3227 itr: 135120
3228 training loss: 3767.231
3229 itr: 135130
3230 training loss: 3988.9211
3231 itr: 135140
3232 training loss: 3498.335
```

```
File - interval_pred10_goontrain
3233 itr: 135150
3234 training loss: 4150.427
3235 itr: 135160
3236 training loss: 4094.183
3237 itr: 135170
3238 training loss: 2873.5132
3239 itr: 135180
3240 training loss: 3292.5
3241 itr: 135190
3242 training loss: 4789.713
3243 itr: 135200
3244 training loss: 5340.459
3245 itr: 135210
3246 training loss: 3938.8743
3247 itr: 135220
3248 training loss: 6785.8027
3249 itr: 135230
3250 training loss: 4059.433
3251 itr: 135240
3252 training loss: 2228.712
3253 itr: 135250
3254 training loss: 6405.903
3255 itr: 135260
3256 training loss: 3732.5415
3257 itr: 135270
3258 training loss: 6112.173
3259 itr: 135280
3260 training loss: 3759.437
3261 itr: 135290
3262 training loss: 4013.8987
3263 itr: 135300
3264 training loss: 4010.843
3265 itr: 135310
3266 training loss: 3009.977
3267 itr: 135320
3268 training loss: 1626.2368
3269 itr: 135330
```

File into	mal production
	rval_pred10_goontrain training loss: 3657.6697
3271	
_	training loss: 2895.1724
3273	
3274	training loss: 6987.59
3275	itr: 135360
3276	training loss: 5270.9014
3277	itr: 135370
3278	training loss: 3225.5718
3279	itr: 135380
3280	training loss: 4975.903
3281	itr: 135390
3282	training loss: 5797.4097
3283	itr: 135400
3284	J
3285	itr: 135410
3286	training loss: 4664.008
3287	itr: 135420
3288	training loss: 4669.9414
3289	itr: 135430
3290	training loss: 2127.2346
3291	itr: 135440
3292	<i>y</i>
	itr: 135450
	training loss: 5691.204
3295	
	training loss: 3543.661
3297	
	training loss: 4314.095
3299	
	training loss: 6018.2456
3301	
3302	5
3303	
	training loss: 3221.116
3305	
3306	training loss: 4162.294

File - inte	rval_pred10_goontrain
3307	itr: 135520
3308	training loss: 2166.116
3309	itr: 135530
3310	training loss: 5895.3096
3311	itr: 135540
	training loss: 4661.767
3313	
3314	training loss: 2806.3022
3315	itr: 135560
	training loss: 6112.271
3317	itr: 135570
	training loss: 2557.4214
3319	itr: 135580
3320	J
3321	itr: 135590
3322	J
3323	itr: 135600
3324	training loss: 4926.185
3325	itr: 135610
3326	training loss: 2781.4204
3327	itr: 135620
3328	training loss: 4033.5205
3329	itr: 135630
3330	training loss: 2135.1763
3331	itr: 135640
	training loss: 4044.3809
	itr: 135650
	training loss: 5507.2314
3335	itr: 135660
	training loss: 4147.295
3337	itr: 135670
	training loss: 4950.519
3339	
	training loss: 2446.894
3341	itr: 135690
	training loss: 3024.359
3343	itr: 135700

Eilo into	rval_pred10_goontrain
	training loss: 1796.3788
3345	
	training loss: 4558.1646
3347	
3348	
3349	itr: 135730
3350	training loss: 4642.2407
3351	itr: 135740
3352	training loss: 5073.9766
3353	itr: 135750
3354	training loss: 4935.7764
3355	itr: 135760
3356	training loss: 6992.8457
3357	itr: 135770
3358	training loss: 3352.826
3359	itr: 135780
	training loss: 1586.2683
3361	itr: 135790
3362	J
3363	
3364	3
3365	itr: 135810
3366	J
3367	
	training loss: 4202.891
3369	
	training loss: 2850.3193
3371	
3372	•
3373	
	training loss: 4686.1104
3375	
3376	training loss: 1532.5596 itr: 135870
	training loss: 4089.996
3379	
3380	training loss: 4211.943
3360	training 1055. 4211. 945

3381 itr: 135890 3382 training loss: 3678.0754 3383 itr: 135900 3384 training loss: 3628.0073 3385 itr: 135910 3386 training loss: 3751.8735 3387 itr: 135920 3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 5013.6514 3413 itr: 136060 3416 training loss: 3462.3022 3417 itr: 136070	File - inte	rval_pred10_goontrain
3383 itr: 135900 3384 training loss: 3628.0073 3385 itr: 135910 3386 training loss: 3751.8735 3387 itr: 135920 3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 5013.6514 3413 itr: 136060 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3381	itr: 135890
3384 training loss: 3628.0073 3385 itr: 135910 3386 training loss: 3751.8735 3387 itr: 135920 3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3382	training loss: 3678.0754
3385 itr: 135910 3386 training loss: 3751.8735 3387 itr: 135920 3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3416 training loss: 3462.3022	3383	itr: 135900
3386 training loss: 3751.8735 3387 itr: 135920 3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3416 training loss: 3462.3022	3384	training loss: 3628.0073
3387 itr: 135920 3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3416 training loss: 3462.3022	3385	itr: 135910
3388 training loss: 5033.7944 3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3386	training loss: 3751.8735
3389 itr: 135930 3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3416 training loss: 3462.3022	3387	itr: 135920
3390 training loss: 3563.3418 3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3388	training loss: 5033.7944
3391 itr: 135940 3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3389	itr: 135930
3392 training loss: 6710.125 3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3390	training loss: 3563.3418
3393 itr: 135950 3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3391	itr: 135940
3394 training loss: 6039.8184 3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3392	training loss: 6710.125
3395 itr: 135960 3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3393	itr: 135950
3396 training loss: 4482.782 3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3394	training loss: 6039.8184
3397 itr: 135970 3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3395	itr: 135960
3398 training loss: 5471.57 3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3396	training loss: 4482.782
3399 itr: 135980 3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3397	itr: 135970
3400 training loss: 3350.0513 3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3398	training loss: 5471.57
3401 itr: 135990 3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3399	itr: 135980
3402 training loss: 3765.4614 3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3400	training loss: 3350.0513
3403 itr: 136000 3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3401	itr: 135990
3404 training loss: 4015.1353 3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3402	training loss: 3765.4614
3405 itr: 136010 3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3403	itr: 136000
3406 training loss: 2953.959 3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3404	training loss: 4015.1353
3407 itr: 136020 3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3405	itr: 136010
3408 training loss: 4974.389 3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3406	training loss: 2953.959
3409 itr: 136030 3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3407	itr: 136020
3410 training loss: 3309.965 3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3408	training loss: 4974.389
3411 itr: 136040 3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3409	itr: 136030
3412 training loss: 5013.6514 3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3410	training loss: 3309.965
3413 itr: 136050 3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3411	itr: 136040
3414 training loss: 4387.701 3415 itr: 136060 3416 training loss: 3462.3022	3412	training loss: 5013.6514
3415 itr: 136060 3416 training loss: 3462.3022	3413	itr: 136050
3416 training loss: 3462.3022	3414	training loss: 4387.701
	3415	itr: 136060
3417 itr: 136070	3416	training loss: 3462.3022
	3417	itr: 136070

File - inte	rval_pred10_goontrain
3418	training loss: 1866.809
3419	itr: 136080
3420	training loss: 2187.2544
3421	itr: 136090
3422	training loss: 1692.5431
3423	itr: 136100
3424	training loss: 2401.153
3425	itr: 136110
3426	training loss: 2985.5962
3427	itr: 136120
3428	J 1
3429	itr: 136130
	training loss: 1977.298
3431	itr: 136140
3432	3
3433	itr: 136150
3434	training loss: 6075.649
3435	itr: 136160
3436	training loss: 3248.003
3437	itr: 136170
3439	training loss: 3570.1401 itr: 136180
3440	training loss: 1425.3036
3441	itr: 136190
	training loss: 3369.6875
	itr: 136200
	training loss: 5002.0938
	itr: 136210
	training loss: 6609.8027
3447	
3448	training loss: 5271.449
3449	itr: 136230
3450	training loss: 2522.5854
3451	itr: 136240
3452	training loss: 1781.261
3453	itr: 136250
3454	training loss: 4098.8765

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File - interval_pred10_goontrain
3455 itr: 136260
3456 training loss: 7315.3867
3457 itr: 136270
3458 training loss: 3126.3682
3459 itr: 136280
3460 training loss: 5693.44
3461 itr: 136290
3462 training loss: 3952.4692
3463 itr: 136300
3464 training loss: 4038.6396
3465 itr: 136310
3466 training loss: 4340.363
3467 itr: 136320
3468 training loss: 3407.182
3469 itr: 136330
3470 training loss: 3712.5608
3471 itr: 136340
3472 training loss: 3410.7256
3473 itr: 136350
3474 training loss: 3957.7158
3475 itr: 136360
3476 training loss: 2743.1963
3477 itr: 136370
3478 training loss: 4541.4814
3479 itr: 136380
3480 training loss: 5485.429
3481 itr: 136390
3482 training loss: 5460.642
3483 itr: 136400
3484 training loss: 2470.6084
3485 itr: 136410
3486 training loss: 7687.948
3487 itr: 136420
3488 training loss: 3339.1487
3489 itr: 136430
3490 training loss: 4354.2583
3491 itr: 136440
```

File - inte	rval_pred10_goontrain	
3492	training loss: 5006.84	13
3493	itr: 136450	
3494	training loss: 2659.25	44
3495	itr: 136460	
3496	training loss: 816.017	33
3497	itr: 136470	
3498	training loss: 3716.95	75
3499		
3500	training loss: 3012.96	97
3501	itr: 136490	
	training loss: 3456.85	64
3503		
3504	training loss: 4342.73	4
3505		
3506	training loss: 6429.54	64
3507	itr: 136520	
3508	<i>y</i> 1	95
3509	itr: 136530	
	training loss: 2918.79	4
3511		
3512	training loss: 5029.84	8
3513	itr: 136550	
3514	training loss: 4604.22	95
3515		
3516	J	25
3517		
	training loss: 3658.73	78
3519		
3520	3	83
3521		
3522	•	54
3523		
3524	3	62
3525		
	training loss: 2653.35	18
3527	itr: 136620	l
0 - 0 0		

3528 training loss: 5865.43

File - inte	rval_pred10_goontrain
3529	itr: 136630
3530	training loss: 2930.1348
3531	itr: 136640
3532	training loss: 3168.312
3533	itr: 136650
3534	training loss: 3419.6096
3535	itr: 136660
3536	training loss: 4933.077
3537	itr: 136670
3538	training loss: 2790.4688
3539	
3540	training loss: 1994.8271
3541	
	training loss: 3251.2842
	itr: 136700
3544	training loss: 6852.908
3545	itr: 136710
3546	training loss: 3764.6604
3547	itr: 136720
	training loss: 1013.0348
3549	itr: 136730
	training loss: 3735.7983
3551	itr: 136740
	training loss: 3929.7766
	itr: 136750
	training loss: 4535.9897
	itr: 136760
	training loss: 4571.9893
	itr: 136770
	training loss: 4479.248
3559	
3560	J
3561	itr: 136790
	training loss: 4470.5596
	itr: 136800
	training loss: 2781.0244
3565	itr: 136810

File - inte	rval_pred10_goontrain
3566	training loss: 2904.6494
3567	itr: 136820
3568	training loss: 2903.6458
3569	itr: 136830
3570	training loss: 6533.0723
3571	itr: 136840
3572	training loss: 2679.4402
3573	itr: 136850
3574	training loss: 2681.9548
3575	itr: 136860
3576	training loss: 3772.0508
3577	itr: 136870
3578	training loss: 2445.2925
3579	itr: 136880
3580	training loss: 5048.034
3581	itr: 136890
3582	training loss: 4008.9521
3583	itr: 136900
3584	training loss: 4465.615
3585	itr: 136910
3586	training loss: 4503.5967
3587	itr: 136920
3588	training loss: 4135.729
3589	itr: 136930
3590	training loss: 3166.4785
3591	itr: 136940
3592	training loss: 2351.5767
3593	itr: 136950
3594	training loss: 3428.7278
3595	itr: 136960
3596	training loss: 3052.8809
3597	itr: 136970
3598	training loss: 3977.153
3599	itr: 136980
3600	training loss: 4952.7573
3601	itr: 136990

3602 training loss: 5628.6626

```
File - interval_pred10_goontrain
3603 itr: 137000
3604 training loss: 5142.5483
3605 itr: 137010
3606 training loss: 4780.5664
3607 itr: 137020
3608 training loss: 4309.58
3609 itr: 137030
3610 training loss: 3108.4763
3611 itr: 137040
3612 training loss: 6371.699
3613 itr: 137050
3614 training loss: 4606.9385
3615 itr: 137060
3616 training loss: 2803.1726
3617 itr: 137070
3618 training loss: 5165.378
3619 itr: 137080
3620 training loss: 5481.9478
3621 itr: 137090
3622 training loss: 3415.8086
3623 itr: 137100
3624 training loss: 1116.1326
3625 itr: 137110
3626 training loss: 2123.2898
3627 itr: 137120
3628 training loss: 2473.6523
3629 itr: 137130
3630 training loss: 3602.9436
3631 itr: 137140
3632 training loss: 4804.545
3633 itr: 137150
3634 training loss: 3731.504
3635 itr: 137160
3636 training loss: 2721.8794
3637 itr: 137170
3638 training loss: 2472.8271
3639 itr: 137180
```

File - inte	rval_pred10_goontrain
3640	training loss: 5729.836
3641	itr: 137190
3642	training loss: 3618.337
3643	itr: 137200
3644	training loss: 1787.8025
3645	itr: 137210
3646	training loss: 6766.1475
3647	itr: 137220
3648	training loss: 4661.133
3649	itr: 137230
3650	training loss: 6594.8936
3651	itr: 137240
3652	training loss: 726.7208
3653	itr: 137250
3654	training loss: 2914.6938
3655	itr: 137260
3656	training loss: 970.60254
3657	itr: 137270
3658	training loss: 6920.666
3659	itr: 137280
3660	training loss: 4225.7
3661	itr: 137290
3662	training loss: 2580.9722
3663	itr: 137300
3664	training loss: 3795.4211
3665	itr: 137310
3666	training loss: 3817.0688
3667	itr: 137320
3668	training loss: 3349.8645
3669	itr: 137330
3670	training loss: 3151.5469
3671	itr: 137340
3672	training loss: 5616.018
3673	itr: 137350
3674	training loss: 6597.4194
3675	itr: 137360
3676	training loss: 7125.139

```
File - interval_pred10_goontrain
3677 itr: 137370
3678 training loss: 4452.257
3679 itr: 137380
3680 training loss: 2670.6873
3681 itr: 137390
3682 training loss: 5655.2393
3683 itr: 137400
3684 training loss: 5106.673
3685 itr: 137410
3686 training loss: 2436.1467
3687 itr: 137420
3688 training loss: 5585.099
3689 itr: 137430
3690 training loss: 6101.4106
3691 itr: 137440
3692 training loss: 3601.738
3693 itr: 137450
3694 training loss: 3355.9727
3695 itr: 137460
3696 training loss: 4906.8174
3697 itr: 137470
3698 training loss: 1932.7947
3699 itr: 137480
3700 training loss: 1630.597
3701 itr: 137490
3702 training loss: 4582.732
3703 itr: 137500
3704 training loss: 5144.4746
3705 itr: 137510
3706 training loss: 4082.8809
3707 itr: 137520
3708 training loss: 4791.9087
3709 itr: 137530
3710 training loss: 3628.9082
3711 itr: 137540
3712 training loss: 5815.842
3713 itr: 137550
```

File - inte	rval_pred10_goontrain
3714	training loss: 2769.1194
3715	itr: 137560
3716	training loss: 2887.1333
3717	itr: 137570
3718	training loss: 5471.3174
3719	
3720	training loss: 4250.796
3721	itr: 137590
3722	· · · · · · · · · · · · · · · · · · ·
3723	itr: 137600
3724	training loss: 4873.0615
3725	itr: 137610
3726	training loss: 4874.156
3727	itr: 137620
3728	training loss: 3003.5757
3729	itr: 137630
3730	training loss: 5102.7617
3731	itr: 137640
3732	training loss: 4925.745
3733	itr: 137650
3734	training loss: 3014.151
3735	itr: 137660
3736	training loss: 6256.451
3737	itr: 137670
3738	training lo <u>ss:</u> 3141.6077
3739	itr: 137680
3740	training loss: 3032.3108
3741	itr: 137690
3742	training loss: 2216.5913
3743	itr: 137700
3744	training loss: 3141.429
3745	itr: 137710
3746	training loss: 3574.6323
3747	itr: 137720
3748	training loss: 5181.4966
3749	itr: 137730

3750 training loss: 2567.8499

## File - interval\_pred10\_goontrain 3751 itr: 137740 3752 training loss: 3433.9214 3753 itr: 137750 3754 training loss: 4096.3774 3755 itr: <u>137760</u> 3756 training loss: 2970.3516 3757 itr: 137770 3758 training loss: 2696.801 3759 itr: 137780 3760 training loss: 2440.2573 3761 itr: 137790 3762 training loss: 4675.4966 3763 itr: 137800 3764 training loss: 5276.2812 3765 itr: 137810 3766 training loss: 1798.1091 3767 itr: 137820 3768 training loss: 4283.2856 3769 itr: 137830 3770 training loss: 3419.8872 3771 itr: 137840 3772 training loss: 3458.266 3773 itr: 137850 3774 training loss: 5408.975 3775 itr: 137860 3776 training loss: 3691.772 3777 itr: 137870 3778 training loss: 4417.388 3779 itr: 137880 3780 training loss: 3326.8674 3781 itr: 137890 3782 training loss: 3838.372 3783 itr: 137900 3784 training loss: 2079.6416 3785 itr: 137910 3786 training loss: 2159.076 3787 itr: 137920

File - inte	rval_pred10_goontrain
3788	training loss: 2087.36
3789	itr: 137930
3790	training loss: 5147.7266
3791	itr: 137940
3792	training loss: 1820.3625
3793	itr: 137950
3794	training loss: 4199.3794
3795	itr: 137960
3796	training loss: 3747.5945
3797	itr: 137970
3798	training loss: 3591.045
3799	itr: 137980
3800	training loss: 3882.7039
3801	itr: 137990
3802	training loss: 3897.941
3803	itr: 138000
3804	training loss: 3586.0935
3805	itr: 138010
3806	training loss: 3123.1294
3807	itr: 138020
3808	training loss: 5737.31
3809	itr: 138030
3810	training loss: 2244.5747
3811	itr: 138040
3812	training loss: 2874.3643
3813	itr: 138050
3814	training loss: 3105.187
3815	itr: 138060
3816	training loss: 1075.6531
3817	itr: 138070
3818	training loss: 3181.9358
3819	itr: 138080
3820	training loss: 3907.7473
3821	itr: 138090
3822	training loss: 3934.7302
3823	itr: 138100
3824	training loss: 4613.086

File - interval_pred10_goontrain		
3825	itr: 138110	
3826	training loss: 4570.8374	
3827	itr: 138120	
3828	training loss: 3604.5396	
3829	itr: 138130	
3830	training loss: 4649.7393	
3831	itr: 138140	
3832	training loss: 6376.2593	
3833	itr: 138150	
3834	training loss: 5230.8613	
3835	itr: 138160	
3836	training loss: 6856.0293	
3837	itr: 138170	
3838	training loss: 2914.0825	
3839	itr: 138180	
3840	training loss: 3041.8003	
3841	itr: 138190	
3842	training loss: 3512.7354	
3843	itr: 138200	
3844	training loss: 2078.953	
3845	itr: 138210	
3846	training loss: 4291.654	
3847	itr: 138220	
3848	training loss: 3978.1821	
3849	itr: 138230	
3850	3	
3851	itr: 138240	
3852	<i>y</i> 1	
3853	itr: 138250	
3854	training loss: 6781.064	
3855	itr: 138260	
3856	training loss: 5294.84	
3857	itr: 138270	
3858	training loss: 3506.1833	
3859	itr: 138280	
3860	training loss: 4997.8955	
3861	itr: 138290	

File - inte	rval_pred10_goontrain
3862	training Loss: 3197.708
3863	itr: 138300
3864	training loss: 4633.867
3865	itr: 138310
3866	training loss: 4904.721
3867	itr: 138320
3868	training loss: 6130.427
3869	itr: 138330
3870	training loss: 2608.613
3871	itr: 138340
3872	training loss: 4349.19
3873	itr: 138350
3874	training loss: 1594.9418
3875	itr: 138360
3876	training loss: 4331.083
3877	itr: 138370
3878	training loss: 4447.0923
3879	itr: 138380
3880	training loss: 4193.5186
3881	itr: 138390
3882	training loss: 5200.6675
3883	itr: 138400
3884	training loss: 5325.8086
3885	itr: 138410
3886	training loss: 4502.0103
3887	itr: 138420
3888	training loss: 3463.2036
3889	itr: 138430
3890	training loss: 3222.0864
3891	itr: 138440
3892	training loss: 5437.455
3893	itr: 138450
3894	training loss: 1634.5665
3895	itr: 138460
3896	training loss: 4621.851
3897	itr: 138470
3898	training loss: 4723.4365

```
File - interval_pred10_goontrain
3899 itr: 138480
3900 training loss: 1987.2156
3901 itr: 138490
3902 training loss: 4199.435
3903 itr: 138500
3904 training loss: 1867.5408
3905 itr: 138510
3906 training loss: 2858.986
3907 itr: 138520
3908 training loss: 2475.0933
3909 itr: 138530
3910 training loss: 3967.1262
3911 itr: 138540
3912 training loss: 1851.7717
3913 itr: 138550
3914 training loss: 4937.415
3915 itr: 138560
3916 training loss: 4084.007
3917 itr: 138570
3918 training loss: 2058.1047
3919 itr: 138580
3920 training loss: 3018.0244
3921 itr: 138590
3922 training loss: 4553.381
3923 itr: 138600
3924 training loss: 3701.5403
3925 itr: 138610
3926 training loss: 2842.4575
3927 itr: 138620
3928 training loss: 4111.6377
3929 itr: 138630
3930 training loss: 4902.2876
3931 itr: 138640
3932 training loss: 2586.1055
3933 itr: 138650
3934 training loss: 5845.9634
3935 itr: 138660
```

File - inte	rval_pred10_goontrain
3936	training loss: 4704.6626
3937	itr: 138670
3938	training loss: 7375.744
3939	itr: 138680
3940	training loss: 2593.2583
3941	itr: 138690
3942	training loss: 9874.7
3943	itr: 138700
3944	training loss: 7201.0503
3945	itr: 138710
3946	training loss: 3364.0374
3947	itr: 138720
3948	training loss: 9070.539
3949	itr: 138730
	training loss: 8262.965
3951	itr: 138740
	training loss: 6782.7217
3953	itr: 138750
	training loss: 12214.58
3955	itr: 138760
3956	training loss: 9837.07
3957	itr: 138770
3958	training loss: 8304.292
3959	itr: 138780
	training loss: 4242.4766
3961	itr: 138790
3962	J
3963	itr: 138800
3964	training loss: 5812.9795
3965	itr: 138810
3966	training loss: 7392.6025
	itr: 138820
3968 3969	training loss: 4816.883 itr: 138830
3970	training loss: 4314.6826 itr: 138840
3971	
3712	training loss: 7498.5913

```
File - interval_pred10_goontrain
3973 itr: 138850
3974 training loss: 3622.9636
3975 itr: 138860
3976 training loss: 2215.9426
3977 itr: 138870
3978 training loss: 1915.3253
3979 itr: 138880
3980 training loss: 4227.1177
3981 itr: 138890
3982 training loss: 3693.4905
3983 itr: 138900
3984 training loss: 4160.309
3985 itr: 138910
3986 training loss: 2909.8582
3987 itr: 138920
3988 training loss: 5798.5386
3989 itr: 138930
3990 training loss: 5585.699
3991 itr: 138940
3992 training loss: 4801.132
3993 itr: 138950
3994 training loss: 5347.55
3995 itr: 138960
3996 training loss: 6367.6064
3997 itr: 138970
3998 training loss: 7338.8975
3999 itr: 138980
4000 training loss: 4474.728
4001 itr: 138990
4002 training loss: 5340.798
4003 itr: 139000
4004 training loss: 6351.2227
4005 itr: 139010
4006 training loss: 3264.652
4007 itr: 139020
4008 training loss: 3015.7148
4009 itr: 139030
```

File - inte	rval_pred10_goontrain
4010	training loss: 7844.379
4011	itr: 139040
4012	training loss: 5827.1255
4013	itr: 139050
4014	training loss: 4483.0303
4015	itr: 139060
4016	training loss: 8404.173
4017	itr: 139070
4018	training loss: 4579.3813
4019	itr: 139080
4020	training loss: 4566.811
4021	itr: 139090
4022	training loss: 6274.4736
4023	itr: 139100
4024	training loss: 4236.3477
4025	itr: 139110
4026	training loss: 7977.2373
4027	itr: 139120
4028	training loss: 4187.3887
4029	itr: 139130
4030	training loss: 2534.921
4031	itr: 139140
4032	training loss: 4460.583
4033	itr: 139150
4034	training loss: 2760.696
4035	itr: 139160
4036	3
4037	itr: 139170
4038	3
4039	itr: 139180
4040	3
4041	itr: 139190
	training loss: 5359.394
4043	
	training loss: 2970.8032
4045	itr: 139210
4046	training loss: 2743.2573

File - inte	rval_pred10_goontrain
	itr: 139220
	training loss: 1910.7312
4049	itr: 139230
4050	training loss: 2932.0598
4051	itr: 139240
4052	training loss: 5112.828
4053	itr: 139250
4054	training loss: 3964.3076
4055	itr: 139260
4056	training loss: 4390.3394
4057	itr: 139270
4058	training loss: 3298.6697
4059	itr: 139280
4060	training loss: 3571.1655
4061	itr: 139290
4062	training loss: 4755.747
4063	itr: 139300
4064	training loss: 2404.2737
4065	itr: 139310
	training loss: 1925.6433
4067	itr: 139320
4068	training loss: 4308.4473
4069	itr: 139330
	training loss: 2345.3428
	itr: 139340
	training loss: 4467.5273
	itr: 139350
	training loss: 5027.737 itr: 139360
	training loss: 3927.4075
4076	itr: 139370
	training loss: 7244.9976
4078	itr: 139380
	training loss: 5827.7695
	itr: 139390
	training loss: 3305.02
4083	itr: 139400
.555	107100

File - inte	rval_pred10_goontrain
4084	training loss: 7499.494
4085	itr: 139410
4086	training loss: 3208.5
4087	itr: 139420
4088	training loss: 4356.5034
4089	itr: 139430
4090	training loss: 4681.9346
4091	itr: 139440
4092	training loss: 3511.3867
4093	itr: 139450
4094	training loss: 7409.6577
4095	itr: 139460
4096	training loss: 2228.575
4097	itr: 139470
4098	training loss: 2285.1448
4099	itr: 139480
	training loss: 5083.175
4101	itr: 139490
4102	training loss: 5810.5195
4103	itr: 139500
4104	training loss: 642.4219
4105	itr: 139510
4106	training loss: 4634.309
4107	itr: 139520
	training loss: 5389.2407
4109	itr: 139530
4110	training loss: 3881.8486
4111	itr: 139540
4112	training loss: 7405.4033
4113	itr: 139550
4114	training loss: 6163.335
4115	itr: 139560
4116	training loss: 4091.0012
4117	itr: 139570
4118 4119	training loss: 3118.5322 itr: 139580
4120	training loss: 7116.5137

File - inter	val_pred10_goontrain
4121	itr: 139590
4122	training loss: 4955.462
4123	itr: 139600
4124	training loss: 4922.1865
4125	itr: 139610
4126	training loss: 5733.233
4127	itr: 139620
4128	training loss: 2652.391
4129	itr: 139630
4130	training loss: 4779.4043
4131	itr: 139640
4132	training loss: 4378.2075
4133	itr: 139650
4134	training loss: 3094.5645
4135	itr: 139660
4136	training loss: 3837.027
4137	itr: 139670
4138	training loss: 2243.4255
4139	itr: 139680
4140	training loss: 1528.8623
4141	itr: 139690
4142	training loss: 2181.811
4143	itr: 139700
4144	training loss: 2535.167
4145	itr: 139710
4146	training loss: 4686.819
4147	itr: 139720
4148	training loss: 5639.0835
4149	itr: 139730
4150	training loss: 4784.462
4151	itr: 139740
4152	training loss: 3495.484
4153	itr: 139750
4154	training loss: 5379.373
4155	itr: 139760
4156	training loss: 2768.933
4157	itr: 139770

File - inte	rval_pred10_goontrain
4158	training Loss: 5811.156
4159	itr: 139780
4160	training Loss: 3191.0376
4161	itr: 139790
4162	training loss: 4541.861
4163	itr: 139800
4164	training loss: 5290.1885
4165	itr: 139810
4166	training loss: 1678.5679
4167	itr: 139820
4168	training loss: 5623.5635
4169	itr: 139830
4170	training loss: 3860.4402
4171	itr: 139840
4172	training loss: 6953.275
4173	itr: 139850
4174	training loss: 4276.493
4175	itr: 139860
4176	training loss: 3360.8372
4177	itr: 139870
4178	training loss: 3715.34
4179	itr: 139880
4180	training loss: 2666.1592
4181	itr: 139890
4182	training loss: 4990.8857
4183	itr: 139900
4184	training loss: 2828.5007
4185	itr: 139910
4186	training loss: 4089.9363
4187	itr: 139920
4188	training loss: 3630.4785
4189	itr: 139930
4190 4191	training loss: 6477.167 itr: 139940
4192 4193	training loss: 3532.07 itr: 139950
4193	
4174	training loss: 1894.7488

```
File - interval_pred10_goontrain
4195 itr: 139960
4196 training loss: 2852.1003
4197 itr: 139970
4198 training loss: 5252.427
4199 itr: 139980
4200 training loss: 4942.197
4201 itr: 139990
4202 training loss: 4729.9395
4203 itr: 140000
4204 training loss: 3140.7014
4205 test...
4206 mse per seq: 8708.798885416101
4207 611.8503953439218
4208 700. 178817042598
4209 766. 4468580881754
4210 805. 7483764931007
4211 869. 9743309020996
4212 960. 3390206231011
4213 961. 4115154125072
4214 984.679542824074
4215 1010. 4701519718876
4216 1037.6998767146358
4217 psnr per frame: 17.43752
4218 18.719145
4219 18.17204
4220 17.877169
4221 17.672075
4222 17.450924
4223 16. 987204
4224 16.946365
4225 16.878744
4226 16.842093
4227 16.829435
4228 fmae per frame: 1821.6472
4229 1484. 1349
4230 1611. 2205
4231 1713.6884
```

```
File - interval_pred10_goontrain
4232 1762.5464
4233 1840. 442
4234 1943.7
4235 1944. 3851
4236 1957. 1853
4237 1971. 7596
4238 1987. 4097
4239 ssim per frame: 0.7964133
4240 0.82329804
4241 0.8119184
4242 0.8047076
4243 0.80048615
4244 0.7962022
4245 0.7864966
4246 0.7858326
4247 0.78531164
4248 0.7842518
4249 0.78562784
4250 sharpness per frame: 254.38474
4251 254. 89352
4252 254. 92592
4253 254. 48611
4254 254. 47223
4255 254. 43518
4256 254. 24538
4257 254. 50462
4258 254. 31482
4259 254.02315
4260 253.5463
4261 saved to checkpoints/radar_predrnn_pp
4262 itr: 140010
4263 training loss: 2383.0325
4264 itr: 140020
4265 training loss: 5099.222
4266 itr: 140030
4267 training loss: 4560.4023
4268 itr: 140040
```

File - inte	rval_pred10_goontrain
4269	
4270	itr: 140050
4271	training loss: 2996.3652
4272	itr: 140060
4273	training loss: 4611.9854
4274	itr: 140070
4275	training loss: 4836.947
4276	itr: 140080
4277	training loss: 3632.0862
4278	itr: 140090
	training loss: 2858.3054
4280	itr: 140100
4281	training loss: 2001.5764
4282	itr: 140110
	training loss: 3228.9841
	itr: 140120
	training loss: 2803.7158
4286	itr: 140130
4287	training loss: 2278.769
4288	itr: 140140
4289 4290	training loss: 4813.7124 itr: 140150
4290	
	training loss: 4486.155 itr: 140160
	training loss: 598.0916
4294	
4295	training loss: 3429.4294
4296	
	training loss: 3113.4456
4298	itr: 140190
4299	training loss: 5147.339
4300	itr: 140200
4301	training loss: 2997.489
4302	itr: 140210
4303	training loss: 2667.5125
4304	itr: 140220
4305	training loss: 2231.4695

File - inte	rval_pred10_goontrain
4306	itr: 140230
4307	training loss: 4218.2876
4308	itr: 140240
4309	training loss: 2303.4126
4310	itr: 140250
4311	training loss: 6361.167
4312	itr: 140260
4313	training loss: 4575.1836
4314	itr: 140270
4315	training loss: 4518.8438
4316	itr: 140280
4317	training loss: 3669.3987
4318	itr: 140290
4319	training loss: 4806.581
4320	itr: 140300
4321	training loss: 2748.668
4322	itr: 140310
4323	training loss: 3406.6765
4324	itr: 140320
4325	training loss: 4041.559
4326	itr: 140330
4327	training loss: 3087.401
4328	itr: 140340
4329	training loss: 7036.413
4330	itr: 140350
4331	training loss: 4795.8076
4332	itr: 140360
4333	training loss: 4561.7075
4334	itr: 140370
4335	training loss: 4709.4316
4336	itr: 140380
4337	training loss: 846.36584
4338	itr: 140390
4339	training loss: 1841.655
4340	itr: 140400
4341	training loss: 6475.0757
4342	itr: 140410

File - inter	rval_pred10_goontrain
4343	training Loss: 2180.386
4344	itr: 140420
4345	training loss: 4841.212
4346	itr: 140430
4347	training Loss: 4316.6665
4348	itr: 140440
4349	training loss: 3784.3047
4350	itr: 140450
4351	training loss: 2488.6545
4352	itr: 140460
4353	training loss: 6415.8457
4354	itr: 140470
4355	training loss: 3284.7485
4356	itr: 140480
4357	training Loss: 4081.0132
4358	itr: 140490
4359	training loss: 4857.8286
4360	itr: 140500
4361	training loss: 4791.13
4362	itr: 140510
4363	training loss: 4481.0894
4364	itr: 140520
4365	training loss: 2143.2256
4366	itr: 140530
4367	training loss: 4370.0044
4368	itr: 140540
4369	training loss: 2221.72
4370	itr: 140550
4371	training loss: 6696.7627
4372	itr: 140560
4373	training loss: 3886.669
4374	itr: 140570
4375	training loss: 2844.9272
4376	itr: 140580
4377	training loss: 2313.6953
4378	itr: 140590
4379	training loss: 5481.8184

## File - interval\_pred10\_goontrain 4380 itr: 140600 4381 training loss: 3953.5315 4382 itr: 140610 4383 training loss: 4185.7905 4384 itr: 140620 4385 training loss: 4694.843 4386 itr: 140630 4387 training loss: 5162.1655 4388 itr: 140640 4389 training loss: 5176.1265 4390 itr: 140650 4391 training loss: 1793.9523 4392 itr: 140660 4393 training loss: 3786.9177 4394 itr: 140670 4395 training loss: 4593.743 4396 itr: 140680 4397 training loss: 5686.067 4398 itr: 140690 4399 training loss: 3861.0332 4400 itr: 140700 4401 training loss: 7206.612 4402 itr: 140710 4403 training loss: 6585.737 4404 itr: 140720 4405 training loss: 3051.721 4406 itr: 140730 4407 training loss: 4956.3193 4408 itr: 140740 4409 training loss: 3580.3894 4410 itr: 140750 4411 training loss: 4677.1455 4412 itr: 140760 4413 training loss: 5279.53 4414 itr: 140770 4415 training loss: 5044.5786 4416 itr: 140780

4451 training loss: 5749.5303

4452 itr: 140960

File - inte	rval_pred10_goontrain
4454	itr: 140970
4455	training loss: 6177.425
4456	itr: 140980
4457	3
4458	itr: 140990
4459	training loss: 1858.7692
4460	itr: 141000
4461	training loss: 3405.5635
4462	itr: 141010
4463	training loss: 4379.329
4464	itr: 141020
4465	training loss: 1402.7877
4466	itr: 141030
4467	training loss: 4785.8887
4468	itr: 141040
4469	training loss: 4731.219
4470	itr: 141050
4471	training loss: 4500.657
4472	itr: 141060
4473	training loss: 5496.2246
4474	itr: 141070
4475	training loss: 2325.9805
4476	itr: 141080
	training loss: 1405.4224
4478	itr: 141090
4479	training loss: 2669.4429
4480	itr: 141100
4481	training loss: 3115.9675
4482	itr: 141110
4483	training loss: 2747.9172
4484	itr: 141120
4485	training loss: 4206.8857
4486	itr: 141130
4487	J
4488	itr: 141140
4489	training loss: 3512.774
4490	itr: 141150

4491	rval_pred10_goontrain
4491	training loss: 3165.9226 itr: 141160
	training loss: 3092.8337
4494	
4495	training loss: 4878.0874
4496	itr: 141180
4497	training loss: 3097.6367
4498	itr: 141190
4499	training loss: 3326.5232
4500	itr: 141200
4501	training loss: 1586.4744
4502	itr: 141210
4503	training Loss: 3133.2966
4504	itr: 141220
4505	training loss: 5137.646
4506	itr: 141230
4507	training loss: 3396.4976
4508	itr: 141240
4509	training loss: 2914.5393
4510	itr: 141250
4511	training loss: 4972.289
4512	itr: 141260
4513	training loss: 2256.2224
	itr: 141270
	training loss: 903.8717
4516	
4517 4518	•
4516	
4519	itr: 141300
4521	training loss: 4389.965
4522	
	training loss: 4509.3857
4524	
	training loss: 1222.942
4526	
4527	training loss: 6568.832
	<u> </u>

File - inte	rval_pred10_goontrain
4528	itr: 141340
4529	training loss: 2068.105
4530	
	training loss: 3659.1055
4532	itr: 141360
4533	<u> </u>
4534	itr: 141370
4535	training loss: 6036.5073
4536	itr: 141380
4537	training loss: 2390.912
4538	itr: 141390
4539	
4540	itr: 141400
4541	training loss: 6365.588
4542	itr: 141410
4543	J
4544	itr: 141420
4545	training loss: 2924.3577
4546	
4547	training loss: 4104.7876
4548	itr: 141440
4549	training loss: 4650.4136
4550	itr: 141450
4551	training loss: 4639.4175
4552	itr: 141460
	training loss: 5173.0522
	itr: 141470
4555	training loss: 4160.547
4556	
	training loss: 3332.6973
4558	itr: 141490
4559	<b>J</b>
4560	itr: 141500
	training loss: 5124.1943
	itr: 141510
	training loss: 2960.49
4564	itr: 141520

File - inte	rval_pred10_goontrain
4565	training loss: 4293.84
4566	itr: 141530
4567	training loss: 2753.3237
4568	itr: 141540
4569	training loss: 3426.8315
4570	itr: 141550
4571	training loss: 5458.7793
4572	itr: 141560
4573	training loss: 3087.981
4574	itr: 141570
4575	training loss: 4914.778
4576	itr: 141580
4577	training loss: 3882.8154
4578	itr: 141590
4579	training loss: 3324.1238
4580	itr: 141600
4581	training loss: 3123.6519
4582	itr: 141610
4583	training loss: 6253.529
4584	itr: 141620
4585	training loss: 2362.3176
4586	itr: 141630
4587	training loss: 3183.9863
4588	itr: 141640
	training loss: 3178.5874
4590	itr: 141650
4591	training loss: 4019.6577
4592	
4593	J
4594 4505	itr: 141670
4595 4596	training loss: 3357.83
4596 4597	itr: 141680 training loss: 2610 0442
4597 4598	training loss: 2619.0442 itr: 141690
	training loss: 2097.4836
4600	itr: 141700
4601	training loss: 3859.756
<del>1</del> 001	training 1033. 3039.730

File - inte	rval_pred10_goontrain
	itr: 141710
	training loss: 4393.704
4604	
4605	training loss: 5901.2437
4606	itr: 141730
4607	training loss: 3254.2747
4608	itr: 141740
4609	training loss: 7147.978
4610	itr: 141750
4611	training lo <u>ss: 2586.9536</u>
4612	itr: 141760
4613	3
4614	itr: 141770
4615	training loss: 1551.5245
4616	itr: 141780
4617	training loss: 4641.839
4618	itr: 141790
4619	training loss: 5717.8438
4620	itr: 141800
4621	training loss: 1145.6571
4622	itr: 141810
4623	training loss: 4925.9414
4624	itr: 141820
4625	training loss: 3536.2134
	itr: 141830
4627	training loss: 4299.721
4628	itr: 141840
4629	training loss: 3076.4592
4630	itr: 141850
4631	training loss: 4252.271
4632	itr: 141860
4633	training loss: 2168.6687
4634	itr: 141870
4635	training loss: 1370.6852
4636	
4637	training loss: 2990.376
4638	itr: 141890

File - inte	rval_pred10_goontrain
4639	training loss: 2445.1943
4640	
4641	training loss: 5449.215
4642	
4643	3 1 11 11
4644	itr: 141920
4645	<u> </u>
4646	
4647	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4648	
	training loss: 4235.249
4650	
4651	3 1 11 1111
4652	
4653	5
4654	
4655	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4656	itr: 141980
4657	3
4658	itr: 141990
4659	5
4660	itr: 142000
4661	training loss: 4354.7
4662	
4663	J
4664	itr: 142020
4665	training loss: 4437.097
4666	itr: 142030
4667	training loss: 4308.885
4668	itr: 142040
4669	3
4670	itr: 142050
4671	training loss: 4357.7036
4672	itr: 142060
4673	3
4674	itr: 142070

4675 training loss: 2438.0044

Eilo into	nul prod10 gooptrain
4676	rval_pred10_goontrain i tr: 142080
	training loss: 5908.9443
4678	
	training loss: 3637.6416
4680	
4681	training loss: 3219.8306
4682	itr: 142110
4683	training loss: 2740.9084
4684	itr: 142120
4685	training loss: 4634.2256
4686	itr: 142130
4687	training loss: 3479.586
4688	itr: 142140
4689	training loss: 6097.8423
4690	itr: 142150
4691	training loss: 2814.805
4692	itr: 142160
4693	training loss: 4826.557
4694	itr: 142170
4695	training loss: 5144.468
4696	itr: 142180
4697	training loss: 1413.0254
4698	itr: 142190
4699	J
4700	
4701	training loss: 4053.4753
4702	
	training loss: 4530.641
4704	itr: 142220
4705	training loss: 2633.997
4706	itr: 142230
4707	training loss: 3413.5986
4708	itr: 142240
4709	J
	itr: 142250 training Loss: 2205 1016
4711 4712	training loss: 3205.1016
4712	itr: 142260

- 4725 training loss: 5216.3276
- 4727 training loss: 4873.5024
- 4729 training loss: 6684.3755
- 4731 training loss: 3262.196
- 4732 itr: 142360
- 4733 training loss: 2906.411
- 4734 itr: 142370
- 4735 training loss: 1712.872
- 4736 itr: 142380
- 4737 training loss: 5427.9062
- 4738 itr: 142390
- 4739 training loss: 5824.4414
- 4740 itr: 142400
- 4741 training loss: 4571.609
- 4742 itr: 142410
- 4743 training loss: 1876. 9128
- 4744 itr: 142420
- 4745 training loss: 2932.8035
- 4746 itr: 142430
- 4747 training loss: 4074.3398
- 4748 itr: 142440
- 4749 training loss: 2372.4788

```
File - interval_pred10_goontrain
4750 itr: 142450
4751 training loss: 4203.545
4752 itr: 142460
4753 training loss: 3522.5278
4754 itr: 142470
4755 training loss: 2177.736
4756 itr: 142480
4757 training loss: 5055.9067
4758 itr: 142490
4759 training loss: 1751.1346
4760 itr: 142500
4761 training loss: 5390.6357
4762 itr: 142510
4763 training loss: 6852.267
4764 itr: 142520
4765 training loss: 2424.66
4766 itr: 142530
4767 training loss: 4983.2656
4768 itr: 142540
4769 training loss: 2535.787
4770 itr: 142550
4771 training loss: 3752.521
4772 itr: 142560
4773 training loss: 4420.994
4774 itr: 142570
4775 training loss: 2946.7268
4776 itr: 142580
4777 training loss: 3544.1777
4778 itr: 142590
4779 training loss: 3729.9211
4780 itr: 142600
4781 training loss: 4361.393
4782 itr: 142610
4783 training loss: 4233.818
4784 itr: 142620
```

4785 training loss: 6585.549

4786 itr: 142630

4823 training loss: 2360.4873

File - inte	rval_pred10_goontrain
4824	itr: 142820
4825	training loss: 5617.3467
	itr: 142830
	training loss: 4159.271
	itr: 142840
	training loss: 3952.5168
4830	
4831	training loss: 3338.307
4832	itr: 142860
	training loss: 5799.466
4834	
	training loss: 6463.5557
4836	
4837	J
4838	itr: 142890
4839	J
4840	itr: 142900
4841	training loss: 4561.888
4842	
	training loss: 5237.0728
4844	
4845	training loss: 6110.2915
4846	itr: 142930
4847	training loss: 1463.9286
	itr: 142940
	training loss: 4282.4165
4850	
4851	3
4852	
	training loss: 6210.6265
4854	
4855	training loss: 4281.7246
4856	
485 <i>1</i> 4858	training loss: 2469.593 itr: 142990
4858	
	5
4860	itr: 143000

File lete	
4861	rval_pred10_goontrain training loss: 5596.4775
4862	
	training loss: 6593.6353
4864	
	training loss: 1676.6702
4866	
4867	training loss: 2117.024
4868	
4869	training loss: 4164.8384
4870	
4871	training loss: 2119.8555
4872	itr: 143060
4873	training loss: 3920.8313
4874	itr: 143070
4875	training loss: 7655.1943
4876	itr: 143080
4877	training loss: 4036.7148
4878	itr: 143090
4879	training loss: 3064.705
4880	itr: 143100
4881	training loss: 3626.7356
4882	itr: 143110
4883	training loss: 3290.2642
4884	
4885	3
4886	
4887	5
4888	itr: 143140
4889	3
4890	
4891	training loss: 4842.664
4892	itr: 143160
4893	3
4894	itr: 143170
4895	3
4896	itr: 143180

4897 training loss: 4516.698

```
File - interval_pred10_goontrain
4898 itr: 143190
4899 training loss: 3209.4214
4900 itr: 143200
4901 training loss: 4120.6445
4902 itr: 143210
4903 training loss: 2596.9424
4904 itr: 143220
4905 training loss: 4755.376
4906 itr: 143230
4907 training loss: 3332.9883
4908 itr: 143240
4909 training loss: 3832.0254
4910 itr: 143250
4911 training loss: 4201. 1074
4912 itr: 143260
4913 training loss: 5208.269
4914 itr: 143270
4915 training loss: 3642.3877
4916 itr: 143280
4917 training loss: 4000.1646
4918 itr: 143290
4919 training loss: 4971.708
4920 itr: 143300
4921 training loss: 5030.6455
4922 itr: 143310
4923 training loss: 5578.2603
4924 itr: 143320
4925 training loss: 4257.264
4926 itr: 143330
4927 training loss: 2714.691
4928 itr: 143340
4929 training loss: 2064.3733
4930 itr: 143350
4931 training loss: 2329.9075
4932 itr: 143360
4933 training loss: 3044.986
4934 itr: 143370
```

File - inte	rval_pred10_goontrain
4935	training loss: 1169.3717
4936	itr: 143380
4937	training loss: 1435.6732
4938	itr: 143390
4939	training loss: 3380.1846
4940	itr: 143400
4941	training loss: 4606.735
4942	itr: 143410
4943	training loss: 4964.5166
4944	itr: 143420
4945	training loss: 5000.3516
4946	itr: 143430
4947	training loss: 979.96375
4948	itr: 143440
4949	training loss: 4419.661
4950	itr: 143450
4951	training loss: 3887.8765
4952	itr: 143460
4953	training loss: 4005.272
4954	itr: 143470
4955	training loss: 3868.8647
4956	itr: 143480
4957	training loss: 3517.5774
4958	itr: 143490
4959	J 1 11 111
4960	itr: 143500
4961 4962	training loss: 4011.936 itr: 143510
4962	
4964	itr: 143520
4965	training loss: 3076.1992
4966	itr: 143530
4967	training loss: 501.53406
4968	itr: 143540
4969	
4970	itr: 143550
4971	training loss: 4069.7654
	<u>_</u>

```
File - interval_pred10_goontrain
4972 itr: 143560
4973 training loss: 2317.56
4974 itr: 143570
4975 training loss: 2216.9707
4976 itr: 143580
4977 training loss: 5998.504
4978 itr: 143590
4979 training loss: 4909.7197
4980 itr: 143600
4981 training loss: 3730.0642
4982 itr: 143610
4983 training loss: 3274.4182
4984 itr: 143620
4985 training loss: 4608.424
4986 itr: 143630
4987 training loss: 2970.6973
4988 itr: 143640
4989 training loss: 5636.8857
4990 itr: 143650
4991 training loss: 3128.5283
4992 itr: 143660
4993 training loss: 4452.1465
4994 itr: 143670
4995 training loss: 1062.7001
4996 itr: 143680
4997 training loss: 2559.3545
4998 itr: 143690
4999 training loss: 3537.9475
5000 itr: 143700
5001 training loss: 5787.4917
5002 itr: 143710
5003 training loss: 6159.711
5004 itr: 143720
5005 training loss: 3386.245
5006 itr: 143730
5007 training loss: 3469.476
5008 itr: 143740
```

File - inte	rval_pred10_goontrain
5009	training loss: 2426.9827
5010	itr: 143750
5011	training loss: 3426.665
5012	itr: 143760
5013	training loss: 3509.9749
5014	
5015	5
5016	itr: 143780
5017	training loss: 2088.2258
5018	itr: 143790
5019	5
5020	itr: 143800
5021	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5022	itr: 143810
5023	J
5024	itr: 143820
5025	5
5026	
5027	3
5028	
5029	training loss: 2266.3835
5030	itr: 143850
5031	training loss: 4093.9756
5032	itr: 143860
5033	<i>J</i> 1
5034	
5035	J
5036	
5037	J
5038	itr: 143890
5039	training loss: 3520.4785
5040	itr: 143900
5041	training loss: 3778.456
5042	
5043	5
5044	itr: 143920
E0 4E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

5045 training loss: 1287.0154

Ella lata	man man dd O man ardan i'r
	rval_pred10_goontrain i tr: 143930
	training loss: 4806.2896
5047	
	training loss: 2087.7966
5050	
	training loss: 2555.8408
	itr: 143960
5053	
5054	<u> </u>
	training loss: 1791.0677
5056	
5057	
5058	
5059	training loss: 3079.2285
5060	
5061	training loss: 4111.456
5062	itr: 144010
5063	training loss: 2717.1555
5064	itr: 144020
5065	training loss: 3828.4001
5066	itr: 144030
5067	training loss: 4374.8276
5068	itr: 144040
5069	training loss: 3304.9187
5070	itr: 144050
5071	training loss: 4110.744
5072	itr: 144060
5073	training loss: 4260.9297
5074	itr: 144070
5075	training loss: 3886.1052
5076	itr: 144080
5077	training loss: 3793.7634
5078	itr: 144090
5079	training loss: 3574.4585
5080	itr: 144100
5081	training loss: 2964.5203
5082	itr: 144110

File - inte	rval_pred10_goontrain
5083	training loss: 6161.617
5084	itr: 144120
5085	training loss: 4841.271
5086	itr: 144130
5087	training loss: 3381.113
5088	itr: 144140
5089	training loss: 3000.2478
5090	itr: 144150
5091	training loss: 6199.9546
5092	itr: 144160
5093	training loss: 3803.3188
5094	itr: 144170
5095	training loss: 5444.7935
5096	itr: 144180
5097	training loss: 4468.045
5098	itr: 144190
5099	training loss: 4880.8687
5100	itr: 144200
5101	training loss: 3662.4255
5102	itr: 144210
5103	training loss: 3808.4924
5104	itr: 144220
5105	training loss: 3452.3164
5106	itr: 144230
	training loss: 3279.105
5108	itr: 144240
5109	training loss: 2687.0137
5110	itr: 144250
5111	training loss: 5067.6226
5112	itr: 144260
5113	<u> </u>
5114	itr: 144270
5115	training loss: 3687.31
5116	itr: 144280
	training loss: 4117.39
5118	itr: 144290
5119	training loss: 4188.3115

File - inter	rval_pred10_goontrain
5120	itr: 144300
5121	training loss: 2758.872
5122	itr: 144310
5123	training loss: 4706.645
5124	itr: 144320
5125	training loss: 3746.9336
5126	itr: 144330
5127	training loss: 7141.4688
5128	itr: 144340
5129	training loss: 2683.0015
5130	itr: 144350
5131	training loss: 2698.3757
5132	itr: 144360
5133	training loss: 3935.8335
5134	itr: 144370
5135	training loss: 2858.6946
5136	itr: 144380
5137	training loss: 2108.509
5138	itr: 144390
5139	training loss: 2167.7598
5140	itr: 144400
5141	training loss: 4352.3486
5142	itr: 144410
5143	training loss: 5705.8857
5144	itr: 144420
5145	training loss: 3287.4946
5146	itr: 144430
5147	training loss: 5969.6406
5148	itr: 144440
5149	training loss: 1503.5217
5150	itr: 144450
5151	training loss: 2660.7712
5152	itr: 144460
5153	training loss: 4589.78
5154	itr: 144470
5155	training loss: 3883.778
5156	itr: 144480

File - inte	erval_pred10_goontrain
5157	training loss: 1472.061
5158	itr: 144490
5159	training loss: 3026.242
5160	itr: 144500
5161	training loss: 1072.906
5162	itr: 144510
5163	training loss: 2159.8994
5164	itr: 144520
5165	training loss: 4638.262
5166	itr: 144530
5167	training loss: 3424.0664
5168	itr: 144540
5169	training loss: 4457.88
5170	itr: 144550
5171	training loss: 2146.0964
5172	itr: 144560
5173	training loss: 3135.9956
5174	itr: 144570
5175	J
5176	itr: 144580
5177	training loss: 4137.437
5178	
5179	training loss: 3468.2063
5180	
5181	J
5182	
5183	3
5184	
5185	J
5186	
5187	5
5188	
5189	J
5190	itr: 144650

5191 training loss: 2480.823

5193 training loss: 4198.801

5192 itr: 144660

File - inte	rval_pred10_goontrain
5194	itr: 144670
5195	training loss: 4481.005
5196	itr: 144680
5197	training loss: 2580.1482
5198	itr: 144690
5199	training Loss: 3494.1711
5200	itr: 144700
5201	training loss: 5218.443
5202	itr: 144710
5203	training loss: 3403.8013
5204	itr: 144720
5205	training loss: 2553.8906
5206	itr: 144730
5207	training loss: 4999.935
5208	itr: 144740
5209	training loss: 5819.3066
5210	itr: 144750
5211	training loss: 5444.4077
5212	itr: 144760
5213	training loss: 3349.9775
5214	itr: 144770
5215	training loss: 5095.4604
5216	itr: 144780
5217	training loss: 2667.132
	itr: 144790
	training loss: 3858.5764
	itr: 144800
	training loss: 2941.425
	itr: 144810
	training loss: 3836.4216
	itr: 144820
	training loss: 3122.6274
	itr: 144830
	training loss: 3217.004
	itr: 144840
	training loss: 3132.538
5230	itr: 144850

```
File - interval_pred10_goontrain
5231 training loss: 2994.545
5232 itr: 144860
5233 training loss: 3577.6743
5234 itr: 144870
5235 training loss: 3900.591
5236 itr: 144880
5237 training loss: 4653.8887
5238 itr: 144890
5239 training loss: 3917.0522
5240 itr: 144900
5241 training loss: 2160.9592
5242 itr: 144910
5243 training loss: 3046.119
5244 itr: 144920
5245 training loss: 2052.0815
5246 itr: 144930
5247 training loss: 3144.81
5248 itr: 144940
5249 training loss: 4310.947
5250 itr: 144950
5251 training loss: 3745.8643
5252 itr: 144960
5253 training loss: 1131.8467
5254 itr: 144970
5255 training loss: 2706.9119
5256 itr: 144980
5257 training loss: 3785.9827
5258 itr: 144990
5259 training loss: 1660.2648
5260 itr: 145000
5261 training loss: 3301.1904
5262 test...
5263 mse per seq: 8847.714251059073
5264 610. 2917002925167
5265 698. 9859171266909
5266 770. 2752983658402
5267 811. 7815233866373
```

```
File - interval_pred10_goontrain
5268 877. 0433626528139
5269 972. 9493964866356
5270 993. 7849422737404
5271 1010. 9047512478298
5272 1034. 3652198226364
5273 1067. 3321394037318
5274 psnr per frame: 17.37849
5275 18.73308
5276 18. 177565
5277 17.858349
5278 17.645134
5279 17.413795
5280 16.9248
5281 16.83935
5282 16.773699
5283 16.73243
5284 16.68671
5285 fmae per frame: 1812.4323
5286 1447.6686
5287 1578. 9849
5288 1687. 1697
5289 1741.8585
5290 1821. 9662
5291 1934.5513
5292 1957.0507
5293 1968. 7681
5294 1981. 9857
5295 2004.3186
5296 ssim per frame: 0.79178
5297 0.8211781
5298 0.80947185
5299 0.80170166
5300 0.7970266
5301 0.792216
5302 0.7815498
5303 0.77981263
5304 0.7791255
```

```
File - interval_pred10_goontrain
5305 0.77758574
5306 0.7781324
5307 sharpness per frame: 254.52682
5308 254.77315
5309 254. 9213
5310 254.74074
5311 254. 99074
5312 254.77315
5313 254.68056
5314 254. 54167
5315 254. 41203
5316 253. 97223
5317 253. 46297
5318 saved to checkpoints/radar_predrnn_pp
5319 itr: 145010
5320 training loss: 1717.6313
5321 itr: 145020
5322 training loss: 4201.029
5323 itr: 145030
5324 training loss: 2302.3086
5325 itr: 145040
5326 training loss: 5526.806
5327 itr: 145050
5328 training loss: 4534.056
5329 itr: 145060
5330 training loss: 2933.1216
5331 itr: 145070
5332 training loss: 1834.5449
5333 itr: 145080
5334 training loss: 3994.281
5335 itr: 145090
5336 training loss: 3181.6714
5337 itr: 145100
5338 training loss: 4628.1846
5339 itr: 145110
5340 training loss: 3029.0037
5341 itr: 145120
```

File - inte	rval_pred10_goontrain
5342	training loss: 3502.2327
5343	itr: 145130
5344	training loss: 5249.5195
5345	itr: 145140
5346	training loss: 3919.6445
5347	itr: 145150
5348	training loss: 4160.578
5349	itr: 145160
5350	training loss: 3010.7012
5351	itr: 145170
5352	training loss: 6226.914
5353	itr: 145180
5354	training loss: 1880.3529
5355	itr: 145190
5356	training loss: 4233.245
5357	itr: 145200
5358	training loss: 5198.498
5359	itr: 145210
5360	5
5361	itr: 145220
5362	J 1
5363	itr: 145230
5364	training loss: 4295.75
5365	itr: 145240
	training loss: 2346.4473
5367	itr: 145250
5368	J
5369	itr: 145260
5370	J
5371	itr: 145270
5372	J
5373	
5374	training loss: 4835.6084
5375	itr: 145290
5376	J
5377	itr: 145300
5378	training loss: 4600.6987

5379 itr: 145310 5380 training loss: 3704.933 5381 itr: 145320 5382 training loss: 3129.0903 5383 itr: 145330 5384 training loss: 3044.6628 5385 itr: 145340 5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 2509.2803 5409 itr: 145460	File - inte	rval_pred10_goontrain
5381 itr: 145320 5382 training loss: 3129.0903 5383 itr: 145330 5384 training loss: 3044.6628 5385 itr: 145340 5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803	5379	itr: 145310
5382 training loss: 3129.0903 5383 itr: 145330 5384 training loss: 3044.6628 5385 itr: 145340 5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803	5380	training loss: 3704.933
5383 itr: 145330 5384 training loss: 3044.6628 5385 itr: 145340 5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5381	itr: 145320
5384 training loss: 3044.6628 5385 itr: 145340 5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5382	training loss: 3129.0903
5385 itr: 145340 5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5383	itr: 145330
5386 training loss: 4880.8984 5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5384	training loss: 3044.6628
5387 itr: 145350 5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803	5385	itr: 145340
5388 training loss: 1327.3887 5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5386	training loss: 4880.8984
5389 itr: 145360 5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5387	itr: 145350
5390 training loss: 4396.5537 5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5388	training loss: 1327.3887
5391 itr: 145370 5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5389	itr: 145360
5392 training loss: 3601.439 5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5390	training loss: 4396.5537
5393 itr: 145380 5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5391	itr: 145370
5394 training loss: 3569.8245 5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5392	training loss: 3601.439
5395 itr: 145390 5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5393	itr: 145380
5396 training loss: 3290.1829 5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5394	
5397 itr: 145400 5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5395	itr: 145390
5398 training loss: 3505.176 5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5396	training loss: 3290.1829
5399 itr: 145410 5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5397	itr: 145400
5400 training loss: 2251.1597 5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5398	training loss: 3505.176
5401 itr: 145420 5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5399	itr: 145410
5402 training loss: 6831.3413 5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5400	
5403 itr: 145430 5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5401	itr: 145420
5404 training loss: 5402.706 5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5402	training loss: 6831.3413
5405 itr: 145440 5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5403	itr: 145430
5406 training loss: 1237.6847 5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5404	training loss: 5402.706
5407 itr: 145450 5408 training loss: 2509.2803 5409 itr: 145460	5405	itr: 145440
5408 training loss: 2509.2803 5409 itr: 145460	5406	training loss: 1237.6847
5409 itr: 145460	5407	itr: 145450
	5408	training loss: 2509.2803
	5409	itr: 145460
5410 training loss: 4299.583	5410	training loss: 4299.583
5411 itr: 145470	5411	itr: 145470
5412 training loss: 5635.554	5412	training loss: 5635.554
5413 itr: 145480	5413	itr: 145480
5414 training loss: 1114.352	5414	training loss: 1114.352
5415 itr: 145490	5415	itr: 145490

File - inte	rval_pred10_goontrain
5416	training loss: 4964.2427
5417	itr: 145500
5418	training loss: 3141.2566
5419	itr: 145510
5420	training loss: 4711.91
5421	itr: 145520
5422	training loss: 2549.6614
5423	itr: 145530
5424	training loss: 2551.5215
5425	itr: 145540
5426	training loss: 2326.1968
5427	itr: 145550
5428	training loss: 4507.5723
5429	itr: 145560
5430	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5431	itr: 145570
5432	training loss: 3042.7058
5433	itr: 145580
5434	training loss: 4663.606
5435	itr: 145590
5436	training loss: 4247.361
5437	itr: 145600
5438	training loss: 3200.0767
5439	itr: 145610
5440	training loss: 3604.008
5441	itr: 145620
5442	training loss: 3924.3533
5443	itr: 145630
5444	training loss: 5740.155
5445	itr: 145640
5446	training loss: 3375.605
5447	itr: 145650
5448	training loss: 5177.1436
5449	itr: 145660
5450	training loss: 2693.3462
5451	itr: 145670
F 4 F 2	1 1 1 1000 5 (4

5452 training loss: 4088.561

```
File - interval_pred10_goontrain
5453 itr: 145680
5454 training loss: 4433.555
5455 itr: 145690
5456 training loss: 5856.19
5457 itr: 145700
5458 training loss: 3044.867
5459 itr: 145710
5460 training loss: 3844.0828
5461 itr: 145720
5462 training loss: 5721.8413
5463 itr: 145730
5464 training loss: 5023.7886
5465 itr: 145740
5466 training loss: 3868.4631
5467 itr: 145750
5468 training loss: 3593.767
5469 itr: 145760
5470 training loss: 5035.85
5471 itr: 145770
5472 training loss: 1442.329
5473 itr: 145780
5474 training loss: 3760.5764
5475 itr: 145790
5476 training loss: 5523.634
5477 itr: 145800
5478 training loss: 3795.0068
5479 itr: 145810
5480 training loss: 6283.371
5481 itr: 145820
5482 training loss: 5705.5635
5483 itr: 145830
5484 training loss: 3035.2866
5485 itr: 145840
5486 training loss: 1634.8274
5487 itr: 145850
5488 training loss: 3114.2852
5489 itr: 145860
```

File - inte	rval_pred10_goontrain
5490	
5491	itr: 145870
5492	
5493	itr: 145880
5494	training loss: 2845.6182
5495	itr: 145890
5496	J 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5497	itr: 145900
	training loss: 6238.8535
5499	itr: 145910
5500	J
5501	itr: 145920
5502	J 1
5503	
5504 5505	J 1
5506	
5507	training loss: 5863.754 itr: 145950
5508	training loss: 4441.517
5509	itr: 145960
5510	training loss: 2502.7747
5511	itr: 145970
5512	training loss: 4354.441
	itr: 145980
5514	training loss: 5024.729
5515	itr: 145990
5516	training loss: 4605.101
5517	itr: 146000
5518	training loss: 4537.6562
5519	itr: 146010
	training loss: 4288.9053
5521	
5522	3
5523	
5524	5
5525	
5526	training loss: 6053.9307

File - inte	rval_pred10_goontrain
5527	itr: 146050
5528	training loss: 5387.876
5529	itr: 146060
5530	training loss: 2160.481
5531	itr: 146070
5532	training loss: 5570.144
5533	itr: 146080
5534	training loss: 3490.0503
5535	itr: 146090
5536	training loss: 2748.8274
5537	itr: 146100
5538	training loss: 4795.26
5539	itr: 146110
5540	J
5541	itr: 146120
5542	J
5543	
5544	training loss: 4264.0005
5545	itr: 146140
5546	training loss: 3447.8418
5547	itr: 146150
5548	training loss: 4104.1646
5549	itr: 146160
	training loss: 2011.8264
	itr: 146170
	training loss: 5623.7114
	itr: 146180
	training loss: 1243.8688
5555	
	training loss: 3716.9148
5557	
	training loss: 4238.1724
5559	
	training loss: 3393.9666
5561	itr: 146220
	training loss: 3701.7517
5563	itr: 146230

File - inte	rval_pred10_goontrain
5564	training loss: 7074.494
5565	itr: 146240
5566	training loss: 3038.136
5567	itr: 146250
5568	training loss: 2768.4854
5569	itr: 146260
5570	training loss: 3410.8975
5571	itr: 146270
5572	training loss: 3438.2495
5573	itr: 146280
	training loss: 4980.317
5575	itr: 146290
5576	training loss: 4679.6245
5577	itr: 146300
5578	training loss: 3766.3474
5579	itr: 146310
5580	training loss: 4523.7124
5581	itr: 146320
5582	training loss: 4645.104
5583	itr: 146330
5584 5585	training loss: 5216.3467 itr: 146340
5586	training loss: 2442.1655
	itr: 146350
	training loss: 3805.3496
5589	ű –
5590	
5591	itr: 146370
5592	
5593	
5594	training loss: 3333.3333
5595	itr: 146390
5596	training loss: 4928.786
5597	itr: 146400
5598	training loss: 4368.298
5599	itr: 146410
5600	training loss: 3490.6313

File - inte	rval_pred10_goontrain
5601	itr: 146420
5602	training loss: 3971.7812
5603	itr: 146430
5604	training loss: 4666.504
5605	itr: 146440
5606	training loss: 3264.9927
5607	itr: 146450
5608	training loss: 4537.369
5609	itr: 146460
5610	training loss: 3423.4214
5611	itr: 146470
5612	training loss: 5430.207
5613	itr: 146480
5614	training loss: 4144.8003
5615	itr: 146490
5616	training loss: 2233.1682
5617	itr: 146500
5618	training loss: 3409.3118
5619	itr: 146510
5620	training loss: 2940.5657
5621	itr: 146520
5622	training loss: 4777.9707
5623	itr: 146530
	training loss: 4553.677
	itr: 146540
	training loss: 4260.9395
5627	
	training loss: 3930.5398
	itr: 146560
	training loss: 2993.582
5631	
	training loss: 1667.0721
5633	
	training loss: 3808.3865
	itr: 146590
	training loss: 4365.5684
5637	itr: 146600

File - inte	rval_pred10_goontrain
5638	5
5639	
	training loss: 4371.158
5641	
	training loss: 5016.8066
5643	
	training loss: 4316.7563
5645	
	training loss: 1916.3369
5647	
	training loss: 5190.8647
5649	itr: 146660
5650	5
5651	itr: 146670
	training loss: 3230.923
5653	
5654	<u> </u>
5655	
5656	training loss: 4146.8643
5657	itr: 146700
5658	training loss: 1473.2738
5659	itr: 146710
5660	training loss: 2498.5227
5661	
	training loss: 3430.2373
5663	
5664	J
5665	
	training loss: 3690.0476
5667	
	training loss: 3835.0603
5669	
5670	J
5671	
5672	5
5673	
5674	training loss: 3993.869

Filo into	rval_pred10_goontrain
	itr: 146790
	training loss: 3604.0317
	itr: 146800
	training loss: 4961.2417
5679	9
5680	
5681	itr: 146820
5682	training loss: 3938.1455
5683	itr: 146830
5684	training loss: 4111.9277
5685	itr: 146840
5686	training loss: 3277.3464
5687	itr: 146850
5688	training loss: 4566.387
5689	itr: 146860
5690	training loss: 4267.558
5691	itr: 146870
5692	training loss: 4593.8735
5693	itr: 146880
5694	training loss: 5607.2446
5695	itr: 146890
5696	training loss: 3418.7632
5697	itr: 146900
	training loss: 3027.4688
5699	
	training loss: 4304.994
5701	itr: 146920
5702	<b>.</b>
5703	
5704	5
5705 5704	
5706 5707	3
5707	
5708	, and the second
5710	
5711	itr: 146970
5/11	1 tr. 140770

File - inte	rval_pred10_goontrain
	training loss: 3327.133
5713	itr: 146980
5714	training loss: 4420.952
5715	itr: 146990
5716	training loss: 4808.3687
5717	itr: 147000
5718	training loss: 3709.7725
5719	itr: 147010
5720	training loss: 5551.55
5721	itr: 147020
5722	training loss: 4936.533
5723	itr: 147030
5724	training loss: 3260.7554
5725	itr: 147040
5726	training loss: 5029.436
5727	itr: 147050
5728	training loss: 3506.4014
5729	itr: 147060
5730	training loss: 5225.087
5731	itr: 147070
5732	training loss: 6927.233
5733	itr: 147080
5734	training loss: 3242.8452
5735	itr: 147090
5736	training loss: 4242.662
5737	itr: 147100
5738	training loss: 3599.6614
5739	itr: 147110
5740	training loss: 3230.373
5741	itr: 147120
5742	training loss: 3438.115
5743	itr: 147130
5744	training loss: 876.07965
5745	
5746	training loss: 3795.9033
5747	itr: 147150

5748 training loss: 4218.6724

```
File - interval_pred10_goontrain
5749 itr: 147160
5750 training loss: 4703.0386
5751 itr: 147170
5752 training loss: 2506.0508
5753 itr: 147180
5754 training loss: 1715.7168
5755 itr: 147190
5756 training loss: 4026.318
5757 itr: 147200
5758 training loss: 3626.5977
5759 itr: 147210
5760 training loss: 4867.529
5761 itr: 147220
5762 training loss: 3044.9014
5763 itr: 147230
5764 training loss: 6418.512
5765 itr: 147240
5766 training loss: 1015.1285
5767 itr: 147250
5768 training loss: 5919.4614
5769 itr: 147260
5770 training loss: 3201.0393
5771 itr: 147270
5772 training loss: 4221.4863
5773 itr: 147280
5774 training loss: 4822.6294
5775 itr: 147290
5776 training loss: 4424.357
5777 itr: 147300
5778 training loss: 1843.5612
5779 itr: 147310
5780 training loss: 4208.8774
5781 itr: 147320
5782 training loss: 3961.2766
5783 itr: 147330
5784 training loss: 4217.559
```

5785 itr: 147340

File - inte	rval_pred10_goontrain
5786	training loss: 5424.882
5787	itr: 147350
5788	training loss: 2720.407
5789	itr: 147360
5790	training loss: 5491.0
5791	itr: 147370
5792	training loss: 6061.672
5793	itr: 147380
5794	training loss: 4080.9583
5795	itr: 147390
5796	training loss: 5986.5415
5797	itr: 147400
5798	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5799	itr: 147410
5800	training loss: 3186.395
5801	itr: 147420
5802	training loss: 4271.344
5803	itr: 147430
5804	training loss: 2064.8
5805	itr: 147440
5806	training loss: 2829.3806
5807	itr: 147450
5808	training loss: 5587.0664
5809	
5810	3
5811	itr: 147470
5812	J
5813	
5814	training loss: 3115.4956
5815	itr: 147490
5816	training loss: 3953.767
5817	itr: 147500
5818	training loss: 3113.9631
5819	itr: 147510
	training loss: 3593.7275
5821	
5822	training loss: 6021.0444

File - inte	rval_pred10_goontrain
5823	itr: 147530
5824	training loss: 2989.1028
5825	
5826	training loss: 4353.9175
5827	itr: 147550
5828	training loss: 2837.6812
5829	itr: 147560
5830	training loss: 7712.9473
5831	itr: 147570
5832	training loss: 1813.5339
5833	itr: 147580
5834	training loss: 2743.3838
5835	itr: 147590
5836	training loss: 2618.3582
5837	itr: 147600
5838	3
5839	itr: 147610
5840	training loss: 4596.7686
5841	itr: 147620
5842	training loss: 4327.347
5843	itr: 147630
5844	training loss: 3376.0278
5845	itr: 147640
	training loss: 2718.8962
	itr: 147650
	training loss: 5383.6133
5849	
5850	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5851	itr: 147670
	training loss: 2810.3777
5853	
	training loss: 2075.8333
5855	
5856	3
5857	
	training loss: 3417.7231
5859	itr: 147710

File - inte	rval_pred10_goontrain
5860	training loss: 2015.198
5861	itr: 147720
5862	
5863	itr: 147730
5864	training loss: 4618.6323
5865	itr: 147740
5866	training loss: 1571.7738
5867	itr: 147750
5868	training loss: 3372.858
5869	itr: 147760
5870	training loss: 4744.4224
5871	itr: 147770
5872	training loss: 4300.8936
5873	itr: 147780
5874	training loss: 4225.768
5875	itr: 147790
5876	training loss: 2654.9827
5877	itr: 147800
5878	training loss: 5212.614
5879	itr: 147810
5880	training loss: 3424.4053
5881	itr: 147820
5882	training loss: 2038.2219
5883	
5884	5
5885	
5886	J 1
5887	itr: 147850
5888	J
5889	itr: 147860
5890	J
5891	itr: 147870
5892	3
5893	itr: 147880
5894	5
5895	itr: 147890

5896 training loss: 6526.029

File - inte	rval_pred10_goontrain
5897	itr: 147900
5898	training loss: 4981.9146
5899	itr: 147910
5900	training loss: 6868.688
5901	itr: 147920
5902	training loss: 4397.325
5903	itr: 147930
5904	training loss: 1952.1263
5905	itr: 147940
5906	training loss: 3550.0896
5907	itr: 147950
5908	training loss: 3110.5488
5909	itr: 147960
5910	training loss: 5056.348
5911	itr: 147970
5912	training loss: 5084.2324
5913	itr: 147980
5914	training loss: 3288.685
5915	itr: 147990
5916	training loss: 4651.4326
5917	itr: 148000
5918	training loss: 4518.2866
5919	itr: 148010
5920	training loss: 4361.6865
5921	itr: 148020
5922	training loss: 4524.881
5923	itr: 148030
5924	training loss: 2325.4963
5925	itr: 148040
5926	training loss: 3556.5571
5927	itr: 148050
5928	training loss: 6405.967
5929	itr: 148060
5930	training loss: 4570.419
5931	itr: 148070
5932	training loss: 4363.983
5933	itr: 148080

File - inte	rval_pred10_goontrain
5934	training loss: 4586.2036
5935	itr: 148090
5936	training loss: 3436.8208
5937	itr: 148100
5938	training loss: 5892.537
5939	itr: 148110
5940	training loss: 2250.4502
5941	itr: 148120
	training loss: 2655.4353
5943	itr: 148130
	training loss: 2658.6797
5945	itr: 148140
5946	training loss: 3250.0137
5947	itr: 148150
5948	training loss: 4025.6643
5949 5950	itr: 148160
5951	training loss: 6289.8477 itr: 148170
5952	training loss: 3159.48
5953	
5954	training loss: 3514.4888
5955	itr: 148190
5956	training loss: 4225.09
	itr: 148200
	training loss: 2403.4656
5959	
5960	training loss: 6047.965
5961	itr: 148220
5962	training loss: 3801.4214
5963	itr: 148230
5964	training loss: 1281.3739
5965	itr: 148240
	training loss: 3579.2803
5967	itr: 148250
5968	J
5969	itr: 148260
5970	training loss: 7209.8325

File - inte	rval_pred10_goontrain
5971	itr: 148270
5972	training lo <u>ss:</u> 4552.9194
5973	itr: 148280
5974	training loss: 5151.9272
5975	itr: 148290
5976	training loss: 3538.3928
5977	itr: 148300
5978	training lo <u>ss:</u> 3431.6917
5979	itr: 148310
5980	training loss: 2144.2073
5981	itr: 148320
5982	training loss: 6741.651
5983	itr: 148330
5984	training loss: 4327.829
5985	itr: 148340
5986	training loss: 5800.905
5987	itr: 148350
5988	training loss: 3151.6633
5989	itr: 148360
5990	training loss: 3403.1687
5991	itr: 148370
5992	training loss: 4447.2344
5993	itr: 148380
5994	training loss: 2166.0383
5995	itr: 148390
5996	training loss: 2321.055
5997	itr: 148400
5998	5
5999	itr: 148410
6000	training loss: 5482.6606
6001	itr: 148420
6002	training loss: 5243.058
6003	itr: 148430
6004	training loss: 4613.8516
6005	
6006	training loss: 3546.729
6007	itr: 148450

File - inte	rval_pred10_goontrain
6008	training loss: 4672.3135
6009	itr: 148460
6010	training loss: 4025.124
6011	itr: 148470
6012	J
6013	
6014	5
6015	itr: 148490
6016	training loss: 2369.594
6017	itr: 148500
6018	training loss: 7397.601
6019	itr: 148510
6020	J
6021	itr: 148520
	training loss: 4960.054
6023	itr: 148530
6024	training loss: 4073.4238
6025	itr: 148540
6026	training loss: 5995.833
6027	itr: 148550
6029	training loss: 4633.716 itr: 148560
6030	
6031	training loss: 4359.3745 itr: 148570
	training loss: 4354.02
6033	•
6034	
6035	3
	training loss: 2032.7017
6037	
6038	training loss: 4200.736
6039	
6040	training loss: 5357.179
6041	
6042	training loss: 4268.918
6043	
6044	training loss: 3455.6

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File - interval_pred10_goontrain
6045 itr: 148640
6046 training loss: 3218.1377
6047 itr: 148650
6048 training loss: 1657.7096
6049 itr: 148660
6050 training loss: 5509.834
6051 itr: 148670
6052 training loss: 2023.9222
6053 itr: 148680
6054 training loss: 3868.1152
6055 itr: 148690
6056 training loss: 4512.982
6057 itr: 148700
6058 training loss: 2290.2388
6059 itr: 148710
6060 training loss: 2136.0715
6061 itr: 148720
6062 training loss: 4351.2285
6063 itr: 148730
6064 training loss: 1700.945
6065 itr: 148740
6066 training loss: 4037.5935
6067 itr: 148750
6068 training loss: 6030.9985
6069 itr: 148760
6070 training loss: 5376.9307
6071 itr: 148770
6072 training loss: 4674.298
6073 itr: 148780
6074 training loss: 1827. 1866
6075 itr: 148790
6076 training loss: 4108.747
6077 itr: 148800
6078 training loss: 2667.8093
6079 itr: 148810
6080 training loss: 2408.2915
6081 itr: 148820
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File - inte	rval_pred10_goontrain
6082	training loss: 4660.333
6083	itr: 148830
6084	training loss: 2416.2568
6085	itr: 148840
6086	training loss: 5055.3784
6087	itr: 148850
6088	training loss: 6644.187
6089	itr: 148860
6090	training loss: 5192.934
6091	itr: 148870
6092	training loss: 5436.722
6093	itr: 148880
6094	training loss: 3234.6848
6095	itr: 148890
6096	training loss: 4018.9236
6097	itr: 148900
6098	training loss: 3993.3845
6099	itr: 148910
6100	training loss: 3787.2085
6101	itr: 148920
6102	training loss: 5199.8477
6103	itr: 148930
6104	training loss: 6888.326
6105	itr: 148940
6106	training loss: 5303.771
6107	itr: 148950
6108	training loss: 4074.4478
6109	itr: 148960
6110	5
6111	itr: 148970
6112	training loss: 3694.872
6113	itr: 148980
6114	training loss: 4872.6064
6115	itr: 148990
	training loss: 3798.1418
6117	itr: 149000
6118	training loss: 2704.1843

File - inte	rval_pred10_goontrain
6119	itr: 149010
6120	training loss: 6023.6753
6121	itr: 149020
6122	training loss: 6754.4463
6123	itr: 149030
6124	training loss: 2886.954
6125	itr: 149040
6126	training loss: 4742.449
6127	itr: 149050
6128	training loss: 5244.696
6129	itr: 149060
6130	training loss: 5830.054
6131	itr: 149070
6132	training loss: 3270.943
6133	itr: 149080
6134	training loss: 4076.736
6135	itr: 149090
6136	training loss: 5813.7285
6137	itr: 149100
6138	training loss: 2335.2026
6139	itr: 149110
6140	training loss: 2394.311
6141	itr: 149120
6142	training loss: 3376.946
6143	itr: 149130
6144	training loss: 4746.3213
6145	itr: 149140
6146	training loss: 3703.8438
6147	itr: 149150
6148	training loss: 3330.0999
6149	itr: 149160
6150	training loss: 3803.8708
6151	itr: 149170
6152	training loss: 3734.0432
6153	itr: 149180
6154	training loss: 6331.4224
6155	itr: 149190

	rval_pred10_goontrain
6156	training loss: 3624.274
6157	
	training loss: 3579.3862
6159	
6160	training loss: 5876.932
6161	
6162	training loss: 3706.9219
6163	
6164	J
6165	itr: 149240
	training loss: 2888.2454
6167	itr: 149250
	training loss: 5909.154
6169	
	training loss: 4040.9514
6171	itr: 149270
6172	<u> </u>
6173	
6174	training loss: 6295.9233
6175	itr: 149290
6176	
6177	itr: 149300
6178	training loss: 3201.2908
6179	
6180	J
6181	itr: 149320
6182	3
6183	
	training loss: 3880.4768
6185	
6186	<b>5</b>
6187	
6188	3
6189	
6190	5
6191	itr: 149370

6192 training loss: 3176.1414

File - inte	rval_pred10_goontrain
6193	itr: 149380
	training loss: 5610.082
	itr: 149390
	training loss: 4771.6406
6197	itr: 149400
	training loss: 3254.5586
6199	itr: 149410
6200	training loss: 4372.1987
6201	itr: 149420
6202	training loss: 4953.2056
	itr: 149430
6204	training loss: 4142.7983
6205	itr: 149440
6206	training loss: 3995.9714
6207	itr: 149450
6208	training loss: 5237.174
6209	itr: 149460
6210	training loss: 2254.1497
6211	itr: 149470
6212	training loss: 1354.9574
6213	itr: 149480
6214	training loss: 4682.7593
6215	itr: 149490
	training loss: 5205.1025
6217	itr: 149500
6218	training loss: 3968.679
6219	itr: 149510
6220	training loss: 4099.881
6221	itr: 149520
6222	training loss: 2740.016
6223	itr: 149530
6224	training loss: 4262.5244
6225	itr: 149540
6226	training loss: 2607.986
6227	itr: 149550
6228	training loss: 2220.4277
6229	itr: 149560

File - inte	rval_pred10_goontrain
6230	training loss: 2516.4395
6231	itr: 149570
6232	training loss: 4068.5703
6233	itr: 149580
6234	training loss: 3840.6738
6235	itr: 149590
6236	training loss: 5150.8506
6237	itr: 149600
6238	training loss: 795.64166
6239	itr: 149610
6240	training loss: 3309.9248
6241	itr: 149620
6242	training loss: 5868.5415
6243	itr: 149630
6244	training loss: 2879.5994
6245	itr: 149640
6246	training loss: 5282.6416
6247	itr: 149650
6248	training loss: 4397.388
6249	itr: 149660
6250	training loss: 4218.441
6251	itr: 149670
6252	training loss: 5602.246
6253	itr: 149680
6254	training loss: 4459.586
6255	itr: 149690
6256	training loss: 2993.8845
	itr: 149700
	training loss: 2571.658
6259	itr: 149710
6260	training loss: 5078.1562
6261	
	training loss: 6252.3594
6263	itr: 149730
	training loss: 3510.4036
	itr: 149740
6266	training loss: 3319.6765

File - inte	rval_pred10_goontrain
6267	itr: 149750
6268	training loss: 4332.3623
6269	itr: 149760
6270	training loss: 3410.4312
6271	itr: 149770
6272	training loss: 2092.8843
6273	itr: 149780
6274	training loss: 1146.8422
6275	itr: 149790
6276	training loss: 3863.975
6277	itr: 149800
6278	training loss: 6567.6045
6279	itr: 149810
6280	training loss: 4462.4546
6281	itr: 149820
6282	training loss: 2202.746
6283	itr: 149830
6284	training loss: 3013.2576
6285	itr: 149840
6286	training loss: 6343.85
6287	itr: 149850
6288	training loss: 1904.5985
6289	itr: 149860
6290	training loss: 1740.0898
6291	itr: 149870
6292	training loss: 4307.869
6293	itr: 149880
6294	training loss: 2411.2627
6295	itr: 149890
6296	training loss: 3700.7893
6297	itr: 149900
6298	training loss: 4575.378
6299	itr: 149910
6300	training loss: 4793.624
6301	itr: 149920
6302	training loss: 4297.932
6303	itr: 149930

```
File - interval_pred10_goontrain
6304 training loss: 2340.625
6305 itr: 149940
6306 training loss: 4338.6216
6307 itr: 149950
6308 training loss: 4701.6406
6309 itr: 149960
6310 training loss: 5871.6245
6311 itr: 149970
6312 training loss: 3912.7368
6313 i tr: 149980
6314 training loss: 2993. 1206
6315 itr: 149990
6316 training loss: 4974.0405
6317 itr: 150000
6318 training loss: 6522.653
6319 test...
6320 mse per seq: 8800.693684471978
6321 611. 0481150591814
6322 699. 0054259123625
6323 772. 9241701761881
6324 815. 7301447833025
6325 881.8048266658077
6326 977. 8300059283221
6327 986. 3754598829481
6328 998. 8532829284668
6329 1015. 8154135810005
6330 1041. 306839554398
6331 psnr per frame: 17.39944
6332 18.734632
6333 18. 187433
6334 17.857092
6335 17.647125
6336 17.412506
6337 16. 924997
6338 16.869846
6339 16.82045
6340 16.784317
```

```
File - interval_pred10_goontrain
6341 16.756016
6342 fmae per frame: 1846.7136
6343 1478.7268
6344 1612. 2334
6345 1724.6117
6346 1784. 1216
6347 1867. 5475
6348 1980.602
6349 1993. 4165
6350 2000.0771
6351 2004. 9321
6352 2020.869
6353 ssim per frame: 0.78990376
6354 0.8198304
6355 0.8077502
6356 0.79985607
6357 0.7950153
6358 0.78981733
6359 0.77887416
6360 0.77766395
6361 0.77718776
6362 0.77603453
6363 0.77700806
6364 sharpness per frame: 254.7111
6365 254.82408
6366 254. 75462
6367 254.86574
6368 254. 96297
6369 254. 81018
6370 254. 79167
6371 254. 7963
6372 254. 5463
6373 254. 2963
6374 254. 46297
6375 saved to checkpoints/radar_predrnn_pp
6376 itr: 150010
6377 training loss: 2360.3787
```

File - inte	rval_pred10_goontrain
6378	itr: 150020
6379	training loss: 3958.8325
6380	itr: 150030
6381	training loss: 2672.6118
6382	itr: 150040
6383	training loss: 1572.6392
6384	itr: 150050
6385	training loss: 3251.7122
6386	itr: 150060
6387	training loss: 2722.4229
6388	itr: 150070
6389	training loss: 1995.6979
6390	itr: 150080
6391	training loss: 2299.5317
6392	itr: 150090
6393	training loss: 4121.5293
6394	itr: 150100
6395	training loss: 4642.427
6396	itr: 150110
6397	training loss: 2964.567
6398	itr: 150120
6399	training loss: 3579.0444
6400	itr: 150130
6401	training loss: 2910.3506
6402	itr: 150140
6403	training loss: 3731.9473
6404	itr: 150150
6405	training loss: 4032.026
6406	itr: 150160
6407	training loss: 3231.0793
6408	itr: 150170
6409	training loss: 3911.4238
6410	itr: 150180
6411	training loss: 3213.2383
6412	itr: 150190
6413	training loss: 4282.3203
6414	itr: 150200

File - inte	rval_pred10_goontrain
6415	training loss: 4880.146
6416	itr: 150210
6417	training loss: 4030.0176
6418	
6419	training loss: 3493.777
6420	itr: 150230
6421	training loss: 2773.2048
6422	itr: 150240
6423	training loss: 2997.769
6424	itr: 150250
6425	training loss: 3046.54
6426	itr: 150260
6427	training loss: 5020.1807
6428	
6429	training loss: 2675.3928
6430	
6431	training loss: 6309.1533
6432	itr: 150290
6433	training loss: 2868.5923
6434	itr: 150300
6435	training loss: 4467.2773
6436	itr: 150310
6437	training loss: 4090.8342
6438	itr: 150320
6439	3
6440	itr: 150330
6441	training loss: 3254.6445
6442	itr: 150340
6443	training loss: 3049.8103
6444	itr: 150350
6445	training loss: 2219.0342
6446	itr: 150360
6447	training loss: 3344.5742
6448	itr: 150370
6449	training loss: 3512.6914
6450	itr: 150380

6451 training loss: 6187.3174

File - inter	rval_pred10_goontrain
6452	itr: 150390
6453	training loss: 3950.661
6454	itr: 150400
6455	training loss: 2786.9937
6456	itr: 150410
6457	training Loss: 5048.104
6458	itr: 150420
6459	training loss: 2992.6533
6460	itr: 150430
6461	training loss: 2454.211
6462	itr: 150440
6463	<u> </u>
6464	itr: 150450
6465	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6466	itr: 150460
6467	5
6468	itr: 150470
6469	5
6470	itr: 150480
6471	J
6472	itr: 150490
6473	training loss: 5223.4385
6474	itr: 150500
6475	training loss: 5003.1606
6476	itr: 150510
6477	5
6478	itr: 150520
6479	training loss: 4660.571
6480	itr: 150530
6481	training loss: 4735.421
6482	itr: 150540
6483	training loss: 4517.968
6484	itr: 150550
6485	training loss: 3221.725
6486	itr: 150560
6487	training loss: 5666.72
6488	itr: 150570

File - inte	rval_pred10_goontrain
6489	training loss: 2598.1272
6490	itr: 150580
6491	<i>y</i>
6492	
6493	training loss: 4422.375
6494	
6495	training loss: 6035.5557
6496	itr: 150610
6497	training loss: 4321.4727
6498	
6499	g <u> </u>
6500	itr: 150630
6501	3 1 11 11 11
6502	
	training loss: 2451.27
6504	itr: 150650
6505	training loss: 4758.644
6506	itr: 150660
6507	training loss: 3423.9026
6508	itr: 150670
6509	training loss: 5613.0317
6510	itr: 150680
6511	training loss: 6250.248
	itr: 150690
	training loss: 5297.6187
6514	
6515	training loss: 2471.6467
6516	itr: 150710
6517	J
6518	
	training loss: 2474.1797
6520	
6521	J
6522	
	training loss: 3344.6362
6524	
6525	training loss: 3959.702

File - inte	rval_pred10_goontrain
6526	itr: 150760
6527	training loss: 3110.4473
6528	itr: 150770
6529	training loss: 6877.415
6530	itr: 150780
6531	training loss: 2123.418
6532	itr: 150790
6533	training loss: 5265.8115
6534	itr: 150800
6535	training loss: 775.7754
6536	itr: 150810
6537	training loss: 4708.39
6538	itr: 150820
6539	training loss: 4238.6675
6540	itr: 150830
6541	training loss: 4765.1484
6542	itr: 150840
6543	training loss: 2016.5857
6544	itr: 150850
6545	training loss: 2724.9927
6546	itr: 150860
6547	training loss: 2120.4263
6548	itr: 150870
6549	training loss: 4163.251
6550	itr: 150880
6551	training loss: 4023.4304
6552	
	training loss: 3372.15
	training loss: 4394.6826
6556	
	training loss: 2715.6848
	itr: 150920
	training loss: 4554.6294
	itr: 150930
	training loss: 5211.9966
6562	itr 150940

File - inte	rval_pred10_goontrain
6563	training loss: 4451.9155
6564	itr: 150950
6565	training loss: 3416.996
6566	itr: 150960
6567	training loss: 4301.4277
6568	itr: 150970
6569	training loss: 2839.2134
6570	itr: 150980
6571	training loss: 5332.867
6572	itr: 150990
6573	3
6574	itr: 151000
6575	training loss: 5049.4624
6576	itr: 151010
6577	training loss: 4538.42
6578	itr: 151020
6579	training loss: 4764.434
6580	itr: 151030
6581 6582	training loss: 2934.5015 itr: 151040
6583	training loss: 3768.0903
6584	itr: 151050
6585	training loss: 2580.989
6586	
6587	
6588	itr: 151070
6589	training loss: 3273.722
6590	itr: 151080
6591	training loss: 3094.9106
6592	itr: 151090
6593	training loss: 3764.6025
6594	itr: 151100
6595	training lo <mark>ss: 4961.982</mark>
6596	itr: 151110
6597	training loss: 4146.2993
6598	itr: 151120
6599	training loss: 4153.142

File - inte	rval_pred10_goontrain
6600	itr: 151130
6601	training loss: 3490.7468
6602	itr: 151140
6603	J 1
6604	itr: 151150
6605	training loss: 3796.953
6606	itr: 151160
6607	training loss: 1510.0057
6608	itr: 151170
6609	training loss: 4943.8877
6610	itr: 151180
6611	training loss: 4798.701
6612	itr: 151190
6613	J 1
6614	itr: 151200
6615	training loss: 1264.3993
6616	itr: 151210
6617	training loss: 5213.1904
6618	itr: 151220
6619	training loss: 4478.088
6620 6621	itr: 151230 training loss: 4405 2045
6622	training loss: 4405.3965
	itr: 151240 training loss: 2831.528
	itr: 151250
6625	
6626	itr: 151260
	training loss: 4278.521
6628	
	training loss: 3845.0054
6630	
	training loss: 2737.7983
6632	
	training loss: 3670.0962
6634	
	training loss: 4519.8467
6636	itr: 151310

File - inte	rval_pred10_goontrain
6637	training loss: 2686.114
6638	itr: 151320
6639	training loss: 4844.073
6640	itr: 151330
6641	training loss: 2692.0964
6642	itr: 151340
6643	training loss: 3532.584
6644	itr: 151350
6645	training loss: 3486.2678
6646	itr: 151360
6647	training loss: 4711.2007
6648	itr: 151370
6649	training loss: 1856.6531
6650	itr: 151380
6651	training loss: 2318.2246
6652	itr: 151390
6653	training loss: 3387.8872
6654	itr: 151400
6655	training loss: 2696.7354
6656	
6657	training loss: 2260.7717
6658	itr: 151420
6659	training loss: 2766.938
6660 6661	itr: 151430
6662	3
6663	
6664	
6665	
6666	itr: 151460
6667	
6668	itr: 151470
6669	training loss: 4633.9834
6670	itr: 151480
6671	training loss: 2824.984
6672	
6673	training loss: 2119.5415

File - inte	rval_pred10_goontrain
6674	itr: 151500
6675	training loss: 1793.1836
6676	itr: 151510
6677	training loss: 2999.6243
6678	itr: 151520
6679	training loss: 3685.219
6680	itr: 151530
6681	training loss: 5314.302
6682	itr: 151540
6683	training loss: 6179.8
6684	itr: 151550
6685	training loss: 2873.894
6686	itr: 151560
6687	training loss: 1105.2761
6688	itr: 151570
6689	training loss: 3214.0803
6690	itr: 151580
6691	training loss: 2515.2397
6692	itr: 151590
6693	training loss: 2218.1553
6694	itr: 151600
6695	training loss: 3439.7212
6696	itr: 151610
6697	J
6698	itr: 151620
6699	training loss: 4443.533
6700	itr: 151630 training loss: 2120 0227
6701 6702	training loss: 3139.8237 itr: 151640
6703	
6704	training loss: 2763.6484 itr: 151650
6705	
6706	training loss: 5040.564 itr: 151660
6707	training loss: 2966.0771
6708	itr: 151670
6709	
6710	itr: 151680
0/10	111. 131000

6746 itr: 151860

6745 training loss: 4116.749

6747 training loss: 1418.2596

```
File - interval_pred10_goontrain
6748 itr: 151870
6749 training loss: 2556.9138
6750 itr: 151880
6751 training loss: 1889.0392
6752 itr: 151890
6753 training loss: 5316.024
6754 itr: 151900
6755 training loss: 5115.8633
6756 itr: 151910
6757 training loss: 3790.2139
6758 itr: 151920
6759 training loss: 2919.1824
6760 itr: 151930
6761 training loss: 2419.7742
6762 itr: 151940
6763 training loss: 3528.3113
6764 itr: 151950
6765 training loss: 3689.0977
6766 itr: 151960
6767 training loss: 4324.1265
6768 itr: 151970
6769 training loss: 5900.9976
6770 itr: 151980
6771 training loss: 4049.3213
6772 itr: 151990
6773 training loss: 4088.7979
6774 itr: 152000
6775 training loss: 1584.0995
6776 itr: 152010
6777 training loss: 4679.584
6778 itr: 152020
6779 training loss: 5151.1763
6780 itr: 152030
6781 training loss: 5388.894
6782 itr: 152040
6783 training loss: 3055.6772
```

File - inte	rval_pred10_goontrain
6785	training loss: 4757.552
6786	itr: 152060
6787	training loss: 5258.3286
6788	itr: 152070
6789	training loss: 2897.0974
6790	itr: 152080
6791	training loss: 1278.8209
6792	itr: 152090
6793	training loss: 4351.995
6794	itr: 152100
6795	training loss: 3509.5737
6796	itr: 152110
6797	training loss: 1910.0376
6798	itr: 152120
6799	training loss: 4954.312
6800	itr: 152130
6801	training loss: 2645.3037
6802	itr: 152140
6803 6804	training loss: 4798.578 itr: 152150
6805	
6806	training loss: 7192.6055 itr: 152160
6807	training loss: 3774.3943
6808	
	training loss: 3982.793
6810	
6811	training loss: 5134.635
6812	itr: 152190
6813	
6814	itr: 152200
6815	training loss: 3863.0127
6816	itr: 152210
6817	training loss: 4167.535
6818	itr: 152220
6819	training loss: 1566.2076
6820	itr: 152230
6821	training loss: 4965.22

File - inte	rval_pred10_goontrain
6822	itr: 152240
6823	training loss: 1572.1497
6824	itr: 152250
	training loss: 3584.2173
6826	itr: 152260
6827	training loss: 4869.3657
6828	itr: 152270
6829	training loss: 5299.102
6830	itr: 152280
6831	training loss: 3025.1836
6832	itr: 152290
	training loss: 3850.0474
6834	itr: 152300
6835	training loss: 3061.9565
6836	itr: 152310
6837	training loss: 4074.0146
6838	itr: 152320
6839	training loss: 5159.4795
6840	itr: 152330
6841	training loss: 2395.949
6842	itr: 152340
6843	training loss: 4441.439
6844	itr: 152350
	training loss: 2646.709 itr: 152360
	training loss: 3682.349
	itr: 152370
	training loss: 2679.0598
	itr: 152380
6851	training loss: 5741.1147
6852	
	training loss: 4657.547
6854	itr: 152400
	training loss: 3064.4062
	itr: 152410
	training loss: 2628.5056
6858	itr: 152420

File - inte	rval_pred10_goontrain
6859	training loss: 2956.721
6860	itr: 152430
6861	training loss: 5454.0776
6862	itr: 152440
6863	training loss: 4361.1274
6864	itr: 152450
6865	training loss: 6060.5396
6866	itr: 152460
6867	training loss: 4809.819
6868	itr: 152470
6869	training loss: 3594.2463
6870	itr: 152480
6871	training loss: 4657.652
6872	itr: 152490
6873	training loss: 4217.684
6874	itr: 152500
6875	training loss: 6283.5312
6876	itr: 152510
6877	training loss: 3994.6958
6878	itr: 152520
6879	training loss: 3820.77
6880	itr: 152530
6881	training loss: 3881.0183
6882	itr: 152540
	training loss: 5207.718
6884	itr: 152550
6885	3
6886	itr: 152560
6887 6888	training loss: 4411.8105 itr: 152570
6889	training loss: 6217.9272
6890	itr: 152580
6891	training loss: 3679.8044
6892	itr: 152590
	training loss: 3745.8157
6894	itr: 152600
6895	training loss: 3457.1987
	3

File - inte	rval_pred10_goontrain
6896	itr: 152610
6897	training loss: 3139.3835
6898	itr: 152620
6899	training loss: 5013.8125
6900	itr: 152630
6901	training loss: 3330.7617
6902	itr: 152640
6903	training loss: 5590.5244
6904	itr: 152650
6905	training loss: 2105.1606
6906	itr: 152660
6907	training loss: 3599.6084
6908	itr: 152670
6909	training loss: 3515.9663
6910	itr: 152680
6911	training loss: 4992.0117
6912	itr: 152690
6913	training loss: 3460.7825
6914	itr: 152700
6915	training loss: 2387.3215
6916	itr: 152710
6917	training loss: 3937.166
6918	itr: 152720
6919	training loss: 4633.456
6920	itr: 152730
6921	training loss: 2956.2393
6922	itr: 152740
6923	training loss: 3571.8481
6924	itr: 152750
6925	training loss: 2769.1711
6926	itr: 152760
6927	training loss: 3294.24
6928	itr: 152770
6929	training loss: 5911.247
6930	itr: 152780
6931	training loss: 5355.2256
6932	itr: 152790

File - inte	rval_pred10_goontrain
6933	training loss: 1177.7227
6934	itr: 152800
6935	training loss: 3684.275
6936	
6937	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6938	
6939	<u> </u>
6940	itr: 152830
6941	training loss: 5751.5137
6942	itr: 152840
6943	<i>y</i> 1
6944	itr: 152850
6945	J
6946	itr: 152860
6947	<u> </u>
6948	itr: 152870
6949	training loss: 5929.413
6950	itr: 152880
6951	training loss: 7159.669
6952	
	training loss: 4612.442
6954	itr: 152900
6955	training loss: 3736.3826
6956	
6957	J
6958	
6959	5
6960 6961	
6962	3
6963	
6964	itr: 152950
6965	training loss: 2079.1482
6966	ŭ .
	training loss: 3862.4895
6968	
6969	training loss: 6609.123
0707	training 1033. 0009. 123

File - inte	rval_pred10_goontrain
6970	itr: 152980
6971	training loss: 3595.5552
6972	itr: 152990
6973	training loss: 2068.4565
6974	itr: 153000
6975	training loss: 2158.0972
6976	itr: 153010
6977	training loss: 2742.5962
6978	itr: 153020
6979	training loss: 2123.2659
6980	itr: 153030
6981	training loss: 2087.9275
6982	itr: 153040
6983	training loss: 2453.1108
6984	itr: 153050
6985	training loss: 5503.3975
6986	itr: 153060
6987	training loss: 3647.017
6988	itr: 153070
6989	training loss: 4220.6187
6990	itr: 153080
6991	training loss: 6170.91
6992	itr: 153090
	training loss: 4162.8335
	itr: 153100
	training loss: 2096.8987
6996	itr: 153110
6997	training loss: 4057.4182
6998	itr: 153120
	training loss: 5524.0127
7000	itr: 153130
7001	training loss: 4218.6235
7002	itr: 153140
	training loss: 3082.7808
	itr: 153150
	training loss: 5626.1685
7006	itr: 153160

- 7009 training loss: 4233.2925
- 7011 training loss: 5213.6416
- 7012 itr: 153190
- 7013 training loss: 3501.6694
- 7014 itr: 153200
- 7015 training loss: 5661.439
- 7016 i tr: 1532 10
- 7017 training loss: 5935.6777
- 7018 itr: 153220
- 7019 training loss: 1496.4236
- 7020 itr: 153230
- 7021 training loss: 2114.2534
- 7022 itr: 153240
- 7023 training loss: 1498.0847
- 7024 itr: 153250
- 7025 training loss: 5225.6694
- 7026 itr: 153260
- 7027 training loss: 3476.8357
- 7028 itr: 153270
- 7029 training loss: 4902.677
- 7030 itr: 153280
- 7031 training loss: 1974.3997
- 7032 itr: 153290
- 7033 training loss: 2482.371
- 7034 itr: 153300
- 7035 training loss: 2588.164
- 7036 itr: 153310
- 7037 training loss: 3052.191
- 7038 itr: 153320
- 7039 training loss: 4005.5623
- 7040 itr: 153330
- 7041 training loss: 1747.2445
- 7042 itr: 153340
- 7043 training loss: 463.16595

```
File - interval_pred10_goontrain
7044 itr: 153350
7045 training loss: 3365.5415
7046 itr: 153360
7047 training loss: 2814.9763
7048 itr: 153370
7049 training loss: 2860.2988
7050 itr: 153380
7051 training loss: 3372.3838
7052 itr: 153390
7053 training loss: 5783.8086
7054 itr: 153400
7055 training loss: 3919.074
7056 itr: 153410
7057 training loss: 2722.815
7058 itr: 153420
7059 training loss: 3649.4526
7060 itr: 153430
7061 training loss: 3541.3906
7062 itr: 153440
7063 training loss: 2856.4966
7064 itr: 153450
7065 training loss: 3399.4016
7066 itr: 153460
7067 training loss: 2575.3108
7068 itr: 153470
7069 training loss: 4376.5176
7070 itr: 153480
7071 training loss: 4723.4194
7072 itr: 153490
7073 training loss: 4326.982
7074 itr: 153500
7075 training loss: 3517.226
7076 itr: 153510
7077 training loss: 3503.1582
```

7080 itr: 153530

7079 training loss: 1988.0316

File - inte	rval_pred10_goontrain
7081	training loss: 5120.0864
7082	itr: 153540
7083	training loss: 5613.1616
7084	itr: 153550
7085	training loss: 3785.8032
7086	itr: 153560
7087	training loss: 4035.524
7088	itr: 153570
7089	training loss: 4780.657
7090	itr: 153580
7091	training loss: 3845.636
7092	itr: 153590
7093	training loss: 3815.6206
7094	itr: 153600
7095	training loss: 4743.2505
7096	itr: 153610
7097	training loss: 4364.864
7098	itr: 153620
7099	training loss: 4415.365
7100	itr: 153630
7101	training loss: 3846.7056
7102	itr: 153640
7103	training loss: 5238.702
7104	itr: 153650
7105	training loss: 2809.849
7106	itr: 153660
7107	training loss: 2863.3506
7108	itr: 153670
7109	5
7110	itr: 153680
7111	5
7112	itr: 153690
7113	training loss: 4977.684
7114	itr: 153700
7445	4

7115 training loss: 2136.366 7116 itr: 153710

7117 training loss: 4139.552

#### File - interval\_pred10\_goontrain 7118 itr: 153720 7119 training loss: 1413.097 7120 itr: 153730 7121 training loss: 3126.4128 7122 itr: 153740 7123 training loss: 3475.7073 7124 itr: 153750 7125 training loss: 5409.5435 7126 itr: 153760 7127 training loss: 1313.2207 7128 itr: 153770 7129 training loss: 2243.017 7130 itr: 153780 7131 training loss: 3835.7686 7132 itr: 153790 7133 training loss: 3868.9097 7134 itr: 153800 7135 training loss: 4147.596 7136 itr: 153810 7137 training loss: 5138.032 7138 itr: 153820 7139 training loss: 5636.7744 7140 itr: 153830 7141 training loss: 4481.781 7142 i tr: 153840 7143 training loss: 3340.4314 7144 itr: 153850 7145 training loss: 2856.4165 7146 itr: 153860 7147 training loss: 3033.7993 7148 itr: 153870 7149 training loss: 5185.165 7150 itr: 153880

7151 training loss: 5726.4688

7153 training loss: 3993.4104

7152 itr: 153890

- 7155 training loss: 2907.3096
- 7156 itr: 153910
- 7157 training loss: 5029.8223
- 7158 itr: 153920
- 7159 training loss: 3381.69
- 7160 itr: 153930
- 7161 training loss: 4138.547
- 7162 itr: 153940
- 7163 training loss: 2957.3484
- 7164 itr: 153950
- 7165 training loss: 4805.3467
- 7166 itr: 153960
- 7167 training loss: 894.53076
- 7168 itr: 153970
- 7169 training loss: 4501.4688
- 7170 itr: 153980
- 7171 training loss: 5138.0474
- 7172 itr: 153990
- 7173 training loss: 2996.8083
- 7174 itr: 154000
- 7175 training loss: 4828.9766
- 7176 itr: 154010
- 7177 training loss: 3513.0583
- 7178 itr: 154020
- 7179 training loss: 5328.404
- 7180 itr: 154030
- 7181 training loss: 4147.579
- 7182 itr: 154040
- 7183 training loss: 4839.037
- 7184 itr: 154050
- 7185 training loss: 4605.3066
- 7186 itr: 154060
- 7187 training loss: 5200.163
- 7188 itr: 154070
- 7189 training loss: 3486.4448
- 7190 itr: 154080
- 7191 training loss: 4707.664

```
File - interval_pred10_goontrain
7192 itr: 154090
7193 training loss: 4749.0317
7194 itr: 154100
7195 training loss: 6153.5654
7196 itr: 154110
7197 training loss: 5220.886
7198 itr: 154120
7199 training loss: 2726.8499
7200 itr: 154130
7201 training loss: 4304.251
7202 itr: 154140
7203 training loss: 2602.7256
7204 itr: 154150
7205 training loss: 3975.484
7206 itr: 154160
7207 training loss: 3388.4893
7208 itr: 154170
7209 training loss: 3725.1
7210 itr: 154180
7211 training loss: 1931.6437
7212 <u>i tr: 1541</u>90
7213 training loss: 5267.5996
7214 itr: 154200
7215 training loss: 2851.1467
7216 itr: 154210
7217 training loss: 1045.6836
7218 itr: 154220
7219 training loss: 3427.1592
7220 itr: 154230
7221 training loss: 3751.849
7222 itr: 154240
7223 training loss: 3374.894
7224 itr: 154250
```

7225 training loss: 5856.607

7227 training loss: 5092.134

7226 itr: 154260

- 7229 training loss: 4324.9897 7230 itr: 154280
- 7231 training loss: 3978.9924
- 7232 itr: 154290
- 7233 training loss: 4975.5977
- 7234 itr: 154300
- 7235 training loss: 4597.9805
- 7236 itr: 154310
- 7237 training loss: 2305.2625
- 7238 i tr: 154320
- 7239 training loss: 5108.5356
- 7240 itr: 154330
- 7241 training loss: 3050.293
- 7242 itr: 154340
- 7243 training loss: 3881.6362
- 7244 itr: 154350
- 7245 training loss: 1985.6086
- 7246 itr: 154360
- 7247 training loss: 2580.1594
- 7248 itr: 154370
- 7249 training loss: 1620.3596
- 7250 itr: 154380
- 7251 training loss: 3694.8037
- 7252 itr: 154390
- 7253 training loss: 3967.2537
- 7254 itr: 154400
- 7255 training loss: 3458.5452
- 7256 itr: 154410
- 7257 training loss: 2285.344
- 7258 itr: 154420
- 7259 training loss: 4903.603
- 7260 itr: 154430
- 7261 training loss: 4519.2227
- 7262 itr: 154440
- 7263 training loss: 4061.1094
- 7264 itr: 154450
- 7265 training loss: 6035.6714

# File - interval\_pred10\_goontrain 7266 itr: 154460

- 7267 training loss: 4210.6387
- 7268 itr: 154470
- 7269 training loss: 3436.7544
- 7270 itr: 154480
- 7271 training loss: 4238.629
- 7272 itr: 154490
- 7273 training loss: 4054.4712
- 7274 itr: 154500
- 7275 training loss: 4379.4624
- 7276 itr: 154510
- 7277 training loss: 4504.369
- 7278 itr: 154520
- 7279 training loss: 3470.627
- 7280 itr: 154530
- 7281 training loss: 3009.3538
- 7282 itr: 154540
- 7283 training loss: 2124.47
- 7284 itr: 154550
- 7285 training loss: 5132.2466
- 7286 itr: 154560
- 7287 training loss: 3603.7935
- 7288 itr: 154570
- 7289 training loss: 520.14056
- 7290 itr: 154580
- 7291 training loss: 3077.1504
- 7292 itr: 154590
- 7293 training loss: 3440.4368
- 7294 itr: 154600
- 7295 training loss: 3041.591
- 7296 itr: 154610
- 7297 training loss: 1283.4067
- 7298 itr: 154620
- 7299 training loss: 1238.5981
- 7300 itr: 154630
- 7301 training loss: 1076.8003
- 7302 itr: 154640

- 7304 itr: 154650
- 7305 training loss: 2646.188
- 7306 itr: 154660
- 7307 training loss: 3109.3835
- 7308 itr: 154670
- 7309 training loss: 3115.809
- 7310 itr: 154680
- 7311 training loss: 712.87354
- 7312 i tr: 154690
- 7313 training loss: 3932.9475
- 7314 itr: 154700
- 7315 training loss: 2347.9104
- 7316 itr: 154710
- 7317 training loss: 5180.402
- 7318 itr: 154720
- 7319 training loss: 2033.5498
- 7320 itr: 154730
- 7321 training loss: 4778.989
- 7322 itr: 154740
- 7323 training loss: 1833.9143
- 7324 itr: 154750
- 7325 training loss: 4724.1743
- 7326 itr: 154760
- 7327 training loss: 3260.9412
- 7328 itr: 154770
- 7329 training loss: 4196.6055
- 7330 itr: 154780
- 7331 training loss: 2509.3215
- 7332 itr: 154790
- 7333 training loss: 6635.729
- 7334 itr: 154800
- 7335 training loss: 4076.768
- 7336 itr: 154810
- 7337 training loss: 3705.2666
- 7338 itr: 154820
- 7339 training loss: 3647.6733

```
File - interval_pred10_goontrain
7340 itr: 154830
7341 training loss: 3476.6602
7342 itr: 154840
7343 training loss: 4221.239
7344 itr: 154850
7345 training loss: 3293.586
7346 itr: 154860
7347 training loss: 2364.8384
7348 itr: 154870
7349 training loss: 2836.4148
7350 itr: 154880
7351 training loss: 5421.117
7352 itr: 154890
7353 training loss: 4350.4316
7354 itr: 154900
7355 training loss: 4023.0466
7356 itr: 154910
7357 training loss: 1210.5723
7358 itr: 154920
7359 training loss: 6600.1914
7360 itr: 154930
7361 training loss: 3383.8967
7362 itr: 154940
7363 training loss: 3086.879
7364 itr: 154950
7365 training loss: 3659.0747
7366 itr: 154960
7367 training loss: 3302.911
7368 itr: 154970
7369 training loss: 2950.7288
7370 itr: 154980
7371 training loss: 2696.6052
7372 itr: 154990
7373 training loss: 5252.0884
7374 itr: 155000
7375 training loss: 5961.844
```

7376 test...

```
File - interval_pred10_goontrain
7377 mse per seq: 8898.887546609949
7378 608. 1770735846626
7379 696. 5056163646557
7380 769. 020893520779
7381 815. 2033490781431
7382 884. 355556205467
7383 987. 3137218334057
7384 1004. 3760963722511
7385 1019. 1320595917879
7386 1041. 7225594697175
7387 1073.0806205890797
7388 psnr per frame: 17.364782
7389 18.74909
7390 18. 19663
7391 17.870056
7392 17.641779
7393 17.399502
7394 16.879122
7395 16. 798458
7396 16.740383
7397 16. 7043
7398 16.668507
7399 fmae per frame: 1861.7457
7400 1497.4729
7401 1621.7142
7402 1727. 1953
7403 1787.6295
7404 1869.814
7405 1990.557
7406 2011. 2244
7407 2022. 4097
7408 2033. 7333
7409 2055.708
7410 ssim per frame: 0.7947064
7411 0.82450753
7412 0.8130395
7413 0.8056874
```

```
File - interval_pred10_goontrain
7414 0.80044734
7415 0.79547465
7416 0. 78396636
7417 0.7820606
7418 0.7814961
7419 0.7799012
7420 0.7804832
7421 sharpness per frame: 254.90555
7422 255.0
7423 254. 90277
7424 254. 93056
7425 254.85185
7426 254. 98148
7427 254.875
7428 254. 93056
7429 254.81482
7430 254. 90277
7431 254. 86574
7432 saved to checkpoints/radar_predrnn_pp
7433 itr: 155010
7434 training loss: 3093.3745
7435 itr: 155020
7436 training loss: 2800.462
7437 itr: 155030
7438 training loss: 2165.4634
7439 itr: 155040
7440 training loss: 5843.3643
7441 itr: 155050
7442 training loss: 2382.189
7443 itr: 155060
7444 training loss: 5551.693
7445 itr: 155070
7446 training loss: 5623.6895
7447 itr: 155080
7448 training loss: 5051.09
7449 itr: 155090
7450 training loss: 2275.854
```

### File - interval\_pred10\_goontrain 7451 itr: 155100 7452 training loss: 4790.693 7453 itr: 155110 7454 training loss: 3425.6216 7455 itr: 155120 7456 training loss: 5592.585 7457 itr: 155130 7458 training loss: 1705.7361 7459 itr: 155140 7460 training loss: 3637.7727 7461 itr: 155150 7462 training loss: 1423.0662 7463 itr: 155160 7464 training loss: 2119.8867 7465 itr: 155170 7467 itr: 155180

7466 training loss: 1813.9636

7468 training loss: 1657.819

7469 itr: 155190

7470 training loss: 3096.0547

7471 itr: 155200

7472 training loss: 3925.9287

7473 itr: 155210

7474 training loss: 1838.6389

7475 itr: 155220

7476 training loss: 1188.1248

7477 itr: 155230

7478 training loss: 5230.6753

7479 itr: 155240

7480 training loss: 4601.2188

7481 itr: 155250

7482 training loss: 3167.6248

7483 itr: 155260

7484 training loss: 4383.634

7485 itr: 155270

7486 training loss: 3608.4941

7523 itr: 155460

7522 training loss: 2691.9683

7524 training loss: 4318.7783

### File - interval\_pred10\_goontrain 7525 itr: 155470 7526 training loss: 3841.1914 7527 itr: 155480 7528 training loss: 4244.7344 7529 itr: 155490 7530 training loss: 3003.562 7531 itr: 155500 7532 training loss: 4634.9146 7533 itr: 155510 7534 training loss: 2161.6243 7535 itr: 155520 7537 itr: 155530 7539 itr: 155540 7541 itr: 155550

- 7536 training loss: 3353.2334
- 7538 training loss: 4582.924
- 7540 training loss: 3549.2244
- 7542 training loss: 4732.539
- 7543 itr: 155560
- 7544 training loss: 5287.052
- 7545 itr: 155570
- 7546 training loss: 2430.4668
- 7547 itr: 155580
- 7548 training loss: 4975.3975
- 7549 itr: 155590
- 7550 training loss: 4871.8857
- 7551 itr: 155600
- 7552 training loss: 4606.7314
- 7553 itr: 155610
- 7554 training loss: 3999.821
- 7555 itr: 155620
- 7556 training loss: 4308.383
- 7557 itr: 155630
- 7558 training loss: 2984.7214
- 7559 itr: 155640
- 7560 training loss: 3946.8484
- 7561 itr: 155650

- 7562 training loss: 3731.061
- 7563 itr: 155660
- 7564 training loss: 4763.59
- 7565 itr: 155670
- 7566 training loss: 4129.9053
- 7567 itr: 155680
- 7568 training loss: 3159.2537
- 7569 itr: 155690
- 7570 training loss: 4432.7686
- 7571 itr: 155700
- 7572 training loss: 4121.1045
- 7573 itr: 155710
- 7574 training loss: 4271.8516
- 7575 itr: 155720
- 7576 training loss: 3315.2598
- 7577 itr: 155730
- 7578 training loss: 4337.375
- 7579 itr: 155740
- 7580 training loss: 2752.877
- 7581 itr: 155750
- 7582 training loss: 5594.231
- 7583 itr: 155760
- 7584 training loss: 1562.5764
- 7585 itr: 155770
- 7586 training loss: 4109.5576
- 7587 itr: 155780
- 7588 training loss: 6760.504
- 7589 itr: 155790
- 7590 training loss: 5780.744
- 7591 itr: 155800
- 7592 training loss: 2386.6665
- 7593 itr: 155810
- 7594 training loss: 3402.3608
- 7595 itr: 155820
- 7596 training loss: 2951.0664
- 7597 itr: 155830
- 7598 training loss: 4834.7607

# File - interval\_pred10\_goontrain 7599 itr: 155840

- 7600 training loss: 4427.0596
- 7601 itr: 155850
- 7602 training loss: 3618.6523
- 7603 itr: 155860
- 7604 training loss: 5066.895
- 7605 itr: 155870
- 7606 training loss: 5275.5186
- 7607 itr: 155880
- 7608 training loss: 4624.343
- 7609 itr: 155890
- 7610 training loss: 3800.0767
- 7611 itr: 155900
- 7612 training loss: 4807.7544
- 7613 itr: 155910
- 7614 training loss: 5241.583
- 7615 itr: 155920
- 7616 training loss: 1676.0214
- 7617 itr: 155930
- 7618 training loss: 3576.6614
- 7619 itr: 155940
- 7620 training loss: 5019.697
- 7621 itr: 155950
- 7622 training loss: 3137.769
- 7623 itr: 155960
- 7624 training loss: 3350.3381
- 7625 itr: 155970
- 7626 training loss: 3600.3271
- 7627 itr: 155980
- 7628 training loss: 3492.9663
- 7629 itr: 155990
- 7630 training loss: 5309.3115
- 7631 itr: 156000
- 7632 training loss: 4556.7197
- 7633 itr: 156010
- 7634 training loss: 3854.4353
- 7635 itr: 156020

- 7636 training loss: 3813.7534
  7637 itr: 156030
- 7638 training loss: 4107.086
- 7639 itr: 156040
- 7640 training loss: 3422.0195
- 7641 itr: 156050
- 7642 training loss: 2595.4707
- 7643 itr: 156060
- 7644 training loss: 2880.574
- 7645 itr: 156070
- 7646 training loss: 4963.947
- 7647 itr: 156080
- 7648 training loss: 4759.877
- 7649 itr: 156090
- 7650 training loss: 4674.615
- 7651 itr: 156100
- 7652 training loss: 3603.217
- 7653 itr: 156110
- 7654 training loss: 5885.9766
- 7655 itr: 156120
- 7656 training loss: 4392.807
- 7657 itr: 156130
- 7658 training loss: 4514.5605
- 7659 itr: 156140
- 7660 training loss: 2291.3145
- 7661 itr: 156150
- 7662 training loss: 2126.6948
- 7663 itr: 156160
- 7664 training loss: 5529.677
- 7665 itr: 156170
- 7666 training loss: 2790.8545
- 7667 itr: 156180
- 7668 training loss: 2244.6362
- 7669 itr: 156190
- 7670 training loss: 5087.2676
- 7671 itr: 156200
- 7672 training loss: 789.853

## File - interval\_pred10\_goontrain 7673 i tr: 156210

7674 training loss: 3362.6252

7675 itr: 156220

7676 training loss: 3752.3503

7677 itr: 156230

7678 training loss: 2729.7412

7679 itr: 156240

7680 training loss: 4119.166

7681 itr: 156250

7682 training loss: 6363.9966

7683 itr: 156260

7684 training loss: 5336.6904

7685 itr: 156270

7686 training loss: 2807.0845

7687 itr: 156280

7688 training loss: 3539.9644

7689 itr: 156290

7690 training loss: 4416.2446

7691 itr: 156300

7692 training loss: 2831.9263

7693 itr: 156310

7694 training loss: 5649.285

7695 itr: 156320

7696 training loss: 4799.5107

7697 itr: 156330

7698 training loss: 3962.183

7699 itr: 156340

7700 training loss: 2977.542

7701 itr: 156350

7702 training loss: 3606.1646

7703 itr: 156360

7704 training loss: 2119.6763

7705 itr: 156370

7706 training loss: 5025.006

7707 itr: 156380

7708 training loss: 2302.3547

- 7710 training loss: 4097.236
- 7711 itr: 156400
- 7712 training loss: 2422.1184
- 7713 itr: 156410
- 7714 training loss: 6707.714
- 7715 itr: 156420
- 7716 training loss: 3297.3599
- 7717 itr: 156430
- 7718 training loss: 4254.8804
- 7719 itr: 156440
- 7720 <u>training loss</u>: 3235.245
- 7721 itr: 156450
- 7722 training loss: 4332.4336
- 7723 itr: 156460
- 7724 training loss: 5899.0166
- 7725 itr: 156470
- 7726 training loss: 7153.125
- 7727 itr: 156480
- 7728 training loss: 4368.63
- 7729 itr: 156490
- 7730 training loss: 2256.3748
- 7731 itr: 156500
- 7732 training loss: 4273.4834
- 7733 itr: 156510
- 7734 training loss: 4424.9663
- 7735 itr: 156520
- 7736 training loss: 3303.3037
- 7737 itr: 156530
- 7738 training loss: 4332.166
- 7739 itr: 156540
- 7740 training loss: 5713.7134
- 7741 itr: 156550
- 7742 training loss: 3341.5042
- 7743 itr: 156560
- 7744 training loss: 4580.4873
- 7745 itr: 156570
- 7746 training loss: 5138.0938

```
File - interval_pred10_goontrain
7747 itr: 156580
7748 training loss: 4116.418
7749 itr: 156590
7750 training loss: 1670.1747
7751 itr: 156600
7752 training loss: 4365.5576
7753 itr: 156610
7754 training loss: 2373.2979
7755 itr: 156620
7756 training loss: 1858.7029
7757 itr: 156630
7758 training loss: 3167.1367
7759 itr: 156640
7760 training loss: 3386.7422
7761 itr: 156650
7762 training loss: 3383.63
7763 itr: 156660
7764 training loss: 4109.697
7765 itr: 156670
7766 training loss: 4121.52
7767 itr: 156680
7768 training loss: 3666.393
7769 itr: 156690
7770 training loss: 4650.268
7771 itr: 156700
7772 training loss: 3583.134
7773 itr: 156710
7774 training loss: 6697.6714
7775 itr: 156720
7776 training loss: 3206.044
7777 itr: 156730
7778 training loss: 4293.839
7779 itr: 156740
7780 training loss: 563.8496
```

7783 itr: 156760

7782 training loss: 1832.6366

- 7794 training loss: 3519.0535
- 7796 training loss: 4798.5933
- 7798 training loss: 4074.039
- 7800 training loss: 5842.8145
- 7801 itr: 156850
- 7802 training loss: 2792.3997
- 7803 itr: 156860
- 7804 training loss: 2631.1074
- 7805 itr: 156870
- 7806 training loss: 3000.9194
- 7807 itr: 156880
- 7808 training loss: 5542.3276
- 7809 itr: 156890
- 7810 training loss: 5490.109
- 7811 itr: 156900
- 7812 training loss: 4170.1387
- 7813 itr: 156910
- 7814 training loss: 3056.0771
- 7815 itr: 156920
- 7816 training loss: 4459.1714
- 7817 itr: 156930
- 7818 training loss: 2915.6829
- 7819 itr: 156940
- 7820 training loss: 2692.191

#### File - interval\_pred10\_goontrain 7821 itr: 156950 7822 training loss: 3557.0806 7823 itr: 156960 7824 training loss: 3704.6716 7825 itr: 156970 7826 training loss: 2597.9058 7827 itr: 156980 7828 training loss: 4344.115 7829 itr: 156990 7830 training loss: 4278.699 7831 itr: 157000 7832 training loss: 1527.0596 7833 itr: 157010 7834 training loss: 2989.3477 7835 itr: 157020 7836 training loss: 2927.162 7837 itr: 157030 7838 training loss: 4143.618 7839 itr: 157040 7840 training loss: 822.346 7841 itr: 157050 7842 training loss: 1186.4138 7843 itr: 157060 7844 training loss: 3659.095 7845 itr: 157070 7846 training loss: 3265.9756 7847 itr: 157080 7848 training loss: 2590.06 7849 itr: 157090 7850 training loss: 4201.7876 7851 itr: 157100 7852 training loss: 5272.666 7853 itr: 157110 7854 training loss: 3194.187 7855 itr: 157120 7856 training loss: 5857.893

File - inte	rval_pred10_goontrain
7858	training loss: 4003.735
7859	itr: 157140
7860	training loss: 4203.1636
7861	itr: 157150
7862	training loss: 3777.3608
7863	
7864	<i>y</i>
7865	itr: 157170
7866	training loss: 3021.315
7867	itr: 157180
7868	training loss: 5251.209
7869	itr: 157190
7870	training loss: 5644.599
7871	itr: 157200
7872	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7873	itr: 157210
7874	training loss: 4217.078
7875	itr: 157220
7876	training loss: 4867.87
7877	itr: 157230
7878	training loss: 3656.3066
7879	itr: 157240
7880	training loss: 3102.5857
7881	itr: 157250
7882	training loss: 1794.8119
7883	itr: 157260
7884	training loss: 3168.0847
7885	itr: 157270
7886	training loss: 5811.478
7887	itr: 157280
7888	training loss: 4442.943
7889	itr: 157290
7890	training loss: 4295.922
7891	itr: 157300
7892	training loss: 1895.9463
7893	itr: 157310
7004	

7894 training loss: 2767.5134

```
File - interval_pred10_goontrain
7895 itr: 157320
7896 training loss: 2902.3535
7897 itr: 157330
7898 training loss: 2624.9546
7899 itr: 157340
7900 training loss: 5093.71
7901 itr: 157350
7902 training loss: 3439.5286
7903 itr: 157360
7904 training loss: 4574.2197
7905 itr: 157370
7906 training loss: 3930.7446
7907 itr: 157380
7908 training loss: 3142.4
7909 itr: 157390
7910 training loss: 4535.4707
7911 itr: 157400
7912 training loss: 919.13947
7913 itr: 157410
7914 training loss: 1541.8536
7915 itr: 157420
7916 training loss: 2225.3289
7917 itr: 157430
7918 training loss: 4433.998
7919 itr: 157440
7920 training loss: 6088.241
7921 itr: 157450
7922 training loss: 3901.376
7923 itr: 157460
7924 training loss: 4147.8374
7925 itr: 157470
7926 training loss: 5245.098
7927 itr: 157480
7928 training loss: 5101.9297
```

7931 itr: 157500

7930 training loss: 3679.0571

- 7946 training loss: 1963.3788
- 7948 training loss: 2843.982
- 7950 training loss: 3529.206
- 7951 itr: 157600
- 7952 training loss: 4062.881
- 7953 itr: 157610
- 7954 training loss: 4778.884
- 7955 itr: 157620
- 7956 training loss: 4368.0547
- 7957 itr: 157630
- 7958 training loss: 5069.73
- 7959 itr: 157640
- 7960 training loss: 4171.0874
- 7961 itr: 157650
- 7962 training loss: 3940.248
- 7963 itr: 157660
- 7964 training loss: 4639.3154
- 7965 itr: 157670
- 7966 training loss: 2693.5137
- 7967 itr: 157680
- 7968 training loss: 3752.0652

```
File - interval_pred10_goontrain
7969 itr: 157690
7970 training loss: 4531.3945
7971 itr: 157700
7972 training loss: 3840.1536
7973 itr: 157710
7974 training loss: 4499.5835
7975 itr: 157720
7976 training loss: 1781.6902
7977 itr: 157730
7978 training loss: 1902.1267
7979 itr: 157740
7980 training loss: 3409.9639
7981 itr: 157750
7982 training loss: 2953.6296
7983 itr: 157760
7984 training loss: 3540.0356
7985 itr: 157770
7986 training loss: 2553.9692
7987 itr: 157780
7988 training loss: 3814.0552
7989 itr: 157790
7990 training loss: 4642.1577
7991 itr: 157800
7992 training loss: 3027.2441
7993 itr: 157810
7994 training loss: 4516.3306
7995 itr: 157820
7996 training loss: 3357.722
7997 itr: 157830
7998 training loss: 3766.424
7999 itr: 157840
8000 training loss: 2895.3667
8001 itr: 157850
```

8002 training loss: 4923.1733

8004 training loss: 4921.556

8003 itr: 157860

8005 itr: 157870

File - inte	rval_pred10_goontrain
8006	training loss: 2411.9497
8007	itr: 157880
8008	training loss: 5445.6465
8009	itr: 157890
8010	training loss: 5163.845
8011	itr: 157900
8012	training loss: 4074.0332
8013	itr: 157910
8014	training loss: 2564.2917
8015	itr: 157920
8016	training loss: 5490.079
8017	itr: 157930
8018	training loss: 6114.6963
8019	itr: 157940
8020	training loss: 4564.742
8021	itr: 157950
8022 8023	training loss: 3030.6638 itr: 157960
8024	training loss: 2503.265
8025	itr: 157970
8026	training loss: 3058.1204
8027	itr: 157980
8028	training loss: 3419.8862
8029	
8030	training loss: 1994.3291
8031	itr: 158000
8032	training loss: 4933.672
8033	itr: 158010
8034	training loss: 2595.1873
8035	itr: 158020
8036	training loss: 4674.222
8037	itr: 158030
8038	J
8039	itr: 158040
8040	J
8041	itr: 158050
8042	training loss: 3987.8384

```
File - interval_pred10_goontrain
8043 itr: 158060
8044 training loss: 4486.7544
8045 itr: 158070
8046 training loss: 3678.6758
8047 itr: 158080
8048 training loss: 4031.9663
8049 itr: 158090
8050 training loss: 3672.571
8051 itr: 158100
8052 training loss: 4763.486
8053 itr: 158110
8054 training loss: 1645.2113
8055 itr: 158120
8056 training loss: 5748.023
8057 itr: 158130
8058 training loss: 5016.6284
8059 itr: 158140
8060 training loss: 4502.2036
8061 itr: 158150
8062 training loss: 5537.6523
8063 itr: 158160
8064 training loss: 4330.378
8065 itr: 158170
8066 training loss: 6031.3315
8067 itr: 158180
8068 training loss: 2599.9624
8069 itr: 158190
8070 training loss: 5628.2637
8071 itr: 158200
8072 training loss: 4356.8403
8073 itr: 158210
8074 training loss: 4791.7573
8075 itr: 158220
8076 training loss: 2379.4797
8077 itr: 158230
8078 training loss: 3112.315
8079 itr: 158240
```

File - inte	rval_pred10_goontrain
8080	training loss: 3732.598
8081	itr: 158250
8082	training loss: 4657.4473
8083	itr: 158260
8084	training loss: 3256.7742
8085	itr: 158270
8086	training loss: 3500.959
8087	itr: 158280
8088	training loss: 2465.7527
8089	itr: 158290
8090	training loss: 4713.289
8091	itr: 158300
8092	training loss: 2740.4326
8093	itr: 158310
8094	training loss: 3530.4243
8095	itr: 158320
8096	training loss: 3176.148
8097	itr: 158330
8098	training loss: 5032.8794
8099	itr: 158340
8100	training loss: 4859.327
8101	itr: 158350
8102	training loss: 3134.5598
8103	itr: 158360
8104	training loss: 2588.2432
8105	itr: 158370
8106	J
8107	itr: 158380
8108	training loss: 4840.76
8109	itr: 158390
8110	training loss: 3213.1536
8111	itr: 158400
8112	J
8113	itr: 158410
	training loss: 3471.6768
8115	itr: 158420
8116	training loss: 3865.7153

File - inte	rval_pred10_goontrain
8117	itr: 158430
8118	training loss: 4051.981
	itr: 158440
8120	training loss: 4734.3096
8121	itr: 158450
8122	training loss: 3124.1821
8123	itr: 158460
8124	training loss: 3407.0464
8125	itr: 158470
8126	training loss: 1586.4182
8127	itr: 158480
8128	training loss: 3620.2466
8129	itr: 158490
8130	training loss: 3920.8848
8131	itr: 158500
8132	training loss: 3860.936
8133	itr: 158510
8134	training loss: 3360.3848
8135	itr: 158520
	training loss: 5402.12
8137	itr: 158530
8138	training loss: 4118.7686
8139	itr: 158540
8140	training loss: 1518.0923
8141	itr: 158550
8142	training loss: 5054.925
8143	itr: 158560
8144	training loss: 4101.759
8145	itr: 158570
8146	training loss: 2999.1077
8147	itr: 158580
8148	training loss: 1725.3433
8149	itr: 158590
8150	training loss: 2605.7183
8151	itr: 158600
8152	training loss: 3472.5059
8153	itr: 158610

File - inte	rval_pred10_goontrain
8154	training loss: 3968.835
8155	itr: 158620
8156	training loss: 4151.4185
8157	itr: 158630
8158	training loss: 3767.762
8159	itr: 158640
8160	training loss: 2820.5664
8161	itr: 158650
8162	training loss: 4711.201
8163	itr: 158660
8164	training loss: 4182.2876
8165	itr: 158670
8166	training loss: 5304.59
8167	itr: 158680
8168	training loss: 3669.4453
8169	itr: 158690
8170	training loss: 2638.8074
8171	itr: 158700
8172	training loss: 1798.8959
8173	itr: 158710
8174	training loss: 3977.7644
8175	itr: 158720
8176	training loss: 1586.6885
8177	itr: 158730
8178	
8179	itr: 158740
8180	training loss: 2898.303
8181	itr: 158750
8182	training loss: 2658.9058
8183	
8184	training loss: 5017.28
8185	itr: 158770
8186	J
8187	itr: 158780
8188	J
8189	
8190	training loss: 3475.3066

File - inte	rval_pred10_goontrain
8191	itr: 158800
8192	training loss: 3798.433
8193	itr: 158810
8194	training loss: 3878.0183
8195	itr: 158820
8196	training loss: 4327.639
8197	itr: 158830
8198	training loss: 4362.9136
8199	itr: 158840
8200	training loss: 5415.6875
8201	itr: 158850
8202	training loss: 2648.2437
8203	itr: 158860
8204	training loss: 2623.505
8205	itr: 158870
8206	training loss: 2655.9207
8207	itr: 158880
8208	training loss: 4551.8115
8209	itr: 158890
8210	training loss: 3884.2285
8211	itr: 158900
8212	training loss: 4867.957
8213	itr: 158910
8214	training loss: 3363.4788
	itr: 158920
	training loss: 2201.6167
8217	itr: 158930
	training loss: 4202.6587
	itr: 158940
	training loss: 2415.854
	itr: 158950
	training loss: 4158.261
	itr: 158960
	training loss: 3431.8452
	itr: 158970
	training loss: 3122.6594
8227	itr: 158980

8228 training loss: 4471.782 8229 itr: 158990 8230 training loss: 6004.6953 8231 itr: 159000 8232 training loss: 3914.7068 8233 itr: 159010 8234 training loss: 4036.9521 8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4234.603 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160 8264 training loss: 5771.769	File - inte	rval_pred10_goontrain
8230 training loss: 6004.6953 8231 itr: 159000 8232 training loss: 3914.7068 8233 itr: 159010 8234 training loss: 4036.9521 8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8228	training loss: 4471.782
8231 itr: 159000 8232 training loss: 3914.7068 8233 itr: 159010 8234 training loss: 4036.9521 8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8229	itr: 158990
8232 training loss: 3914.7068 8233 itr: 159010 8234 training loss: 4036.9521 8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8230	training loss: 6004.6953
8233 itr: 159010 8234 training loss: 4036.9521 8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585	8231	itr: 159000
8234 training loss: 4036.9521 8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8232	training loss: 3914.7068
8235 itr: 159020 8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8233	itr: 159010
8236 training loss: 4873.308 8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585	8234	
8237 itr: 159030 8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8235	itr: 159020
8238 training loss: 6287.0557 8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8236	training loss: 4873.308
8239 itr: 159040 8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8237	itr: 159030
8240 training loss: 3820.563 8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8238	training loss: 6287.0557
8241 itr: 159050 8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8239	itr: 159040
8242 training loss: 5053.8193 8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8240	training loss: 3820.563
8243 itr: 159060 8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8241	itr: 159050
8244 training loss: 3455.8145 8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8242	training loss: 5053.8193
8245 itr: 159070 8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8243	itr: 159060
8246 training loss: 3973.5264 8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8244	
8247 itr: 159080 8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8245	
8248 training loss: 3370.1118 8249 itr: 159090 8250 training loss: 4536.094 8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8246	
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8251 itr: 159100 8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8249	
8252 training loss: 4234.603 8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160	8250	
8253 itr: 159110 8254 training loss: 6055.475 8255 itr: 159120 8256 training loss: 657.55853 8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160		
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8257 itr: 159130 8258 training loss: 1067.6044 8259 itr: 159140 8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160		
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8260 training loss: 2386.3955 8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160		
8261 itr: 159150 8262 training loss: 3161.4585 8263 itr: 159160		
8262 training loss: 3161.4585 8263 itr: 159160		
8263 itr: 159160		
8264 training loss: 5771.769		
	8264	training loss: 5771.769

File - inte	rval_pred10_goontrain
8265	itr: 159170
	training loss: 2947.8967
8267	itr: 159180
	training loss: 5177.3516
8269	itr: 159190
8270	J
8271	itr: 159200
8272	training loss: 5312.893
8273	itr: 159210
8274	training loss: 4920.1255
8275	itr: 159220
8276	training loss: 4141.404
8277	itr: 159230
8278	training loss: 2132.8804
8279	itr: 159240
8280	training loss: 3675.9429
8281	itr: 159250
8282	training loss: 3287.7258
8283	itr: 159260
8284	training loss: 2389.1743
8285	itr: 159270
8286	training loss: 3401.267
8287	itr: 159280
8288	training loss: 2650.0356
8289	itr: 159290
8290	J
8291	itr: 159300
8292	J
8293	itr: 159310
8294	training loss: 3198.3198
8295	itr: 159320
8296	training loss: 1242.8555
8297	itr: 159330
8298	J
8299	itr: 159340
8300	training loss: 4125.282
8301	itr: 159350

File - inte	rval_pred10_goontrain
8302	training loss: 5051.009
8303	itr: 159360
8304	training loss: 3616.3628
8305	itr: 159370
8306	training loss: 2233.7258
8307	itr: 159380
8308	training loss: 3781.148
8309	itr: 159390
8310	training loss: 3023.8516
8311	itr: 159400
8312	training loss: 1122.6893
8313	itr: 159410
8314	training loss: 4680.214
8315	itr: 159420
8316	training loss: 4011.0999
8317	itr: 159430
8318	training loss: 3117.5825
8319	itr: 159440
8320	training loss: 4502.192
8321	itr: 159450
8322	training loss: 4789.1743
8323	itr: 159460
8324	training loss: 2610.1008
8325	itr: 159470
	training loss: 3205.723
8327	
	training loss: 4594.8047
8329	itr: 159490
8330	J
8331	itr: 159500
	training loss: 5869.216
	itr: 159510
	training loss: 3119.6792
	itr: 159520
	training loss: 4677.185
	itr: 159530
8338	training loss: 3549.2375

File - inte	rval_pred10_goontrain
	itr: 159540
8340	training loss: 3634.7104
8341	itr: 159550
8342	training loss: 2694.7402
8343	itr: 159560
8344	training loss: 2689.2668
8345	itr: 159570
8346	training loss: 4424.0366
8347	itr: 159580
8348	training loss: 5113.8086
8349	itr: 159590
8350	training loss: 2254.5195
8351	itr: 159600
8352	training loss: 3018.6045
8353	itr: 159610
8354	training loss: 3970.0222
8355	itr: 159620
8356	training loss: 2804.4958
8357	itr: 159630
8358	training loss: 1067.6368
8359	itr: 159640
8360	training loss: 1757.1118
8361	itr: 159650
	training loss: 3533.8599
	itr: 159660
	training loss: 5534.287
	itr: 159670
	training loss: 3322.5908
	itr: 159680
	training loss: 4965.0693
8369	
	training loss: 2877.8486
8371	itr: 159700
	training loss: 4104.2407
	itr: 159710
8374	training loss: 3854.5625
8375	itr: 159720

File - inte	rval_pred10_goontrain
8376	training loss: 2790.4407
8377	itr: 159730
8378	training loss: 3689.0967
8379	itr: 159740
8380	training loss: 2989.975
8381	itr: 159750
8382	training loss: 4858.4834
8383	itr: 159760
8384	training loss: 3174.658
8385	itr: 159770
8386	training loss: 4609.4707
8387	itr: 159780
8388	training loss: 3181.2517
8389	itr: 159790
8390	J
8391	itr: 159800
8392	training loss: 3619.3772
8393	itr: 159810
8394	training loss: 3981.2017
8395	itr: 159820
8396	<u> </u>
8397	itr: 159830
8398	training loss: 3644.6606
8399	itr: 159840
8400	J
8401	itr: 159850
8402	J
8403	
8404	J
8405	
8406	J
8407	
8408	J
8409	
8410	J
8411	
8412	training loss: 3578.4504

```
File - interval_pred10_goontrain
8413 itr: 159910
8414 training loss: 2712.4268
8415 itr: 159920
8416 training loss: 1084.8337
8417 itr: 159930
8418 training loss: 5296.1426
8419 itr: 159940
8420 training loss: 6092.09
8421 itr: 159950
8422 training loss: 2681.1104
8423 itr: 159960
8424 training loss: 3108.362
8425 itr: 159970
8426 training loss: 6119.215
8427 itr: 159980
8428 training loss: 2229.9514
8429 itr: 159990
8430 training loss: 2816.1958
8431 itr: 160000
8432 training loss: 4108.881
8433 test...
8434 mse per seq: 8888.04930891814
8435 605.8457134388111
8436 694. 4455285248933
8437 766. 0804372716833
8438 811. 1617772137678
8439 883. 0252253214518
8440 985. 60857518514
8441 1003. 3906643478958
8442 1020. 2795791625977
8443 1042. 5531959533691
8444 1075.6586124985306
8445 psnr per frame: 17.405355
8446 18.77591
8447 18. 222733
8448 17.912708
8449 17.683664
```

```
File - interval_pred10_goontrain
8450 17.437433
8451 16. 921562
8452 16.848799
8453 16. 786592
8454 16.757383
8455 16.70678
8456 fmae per frame: 1849.71
8457 1481.5248
8458 1606.8928
8459 1710.852
8460 1772.0092
     1855. <del>99</del>17
8461
8462 1980. 2684
8463 1999. 7954
8464 2012.8217
8465 2027. 1982
8466 2049.7441
8467 ssim per frame: 0.79827416
8468 0.82856107
8469 0.8164069
8470 0.8088783
8471 0.80383104
8472 0.7987487
8473 0. 7874324
8474 0.7858862
8475 0.78504676
8476 0.7834714
8477 0.78447884
8478 sharpness per frame: 254.87593
8479 254. 88889
8480 255.0
8481 255.0
8482 255.0
8483 254. 98148
8484 254. 83333
8485 254. 90277
8486 254. 76389
```

```
File - interval_pred10_goontrain
8487 254. 55556
8488 254.83333
8489 saved to checkpoints/radar_predrnn_pp
8490 itr: 160010
8491 training loss: 2181.2065
8492 itr: 160020
8493 training loss: 5945.387
8494 itr: 160030
8495 training loss: 2975.5142
8496 itr: 160040
8497 training loss: 4311.525
8498 itr: 160050
8499 training loss: 1866.7278
8500 itr: 160060
8501 training loss: 3366.5054
8502 itr: 160070
8503 training loss: 4969.21
8504 itr: 160080
8505 training loss: 3359.1807
8506 itr: 160090
8507 training loss: 3773.9756
8508 itr: 160100
8509 training loss: 3034.1567
8510 itr: 160110
8511 training loss: 5992.5596
8512 itr: 160120
8513 training loss: 1624.0455
8514 itr: 160130
8515 training loss: 4061.6418
8516 itr: 160140
8517 training loss: 3304.2175
8518 itr: 160150
8519 training loss: 2378.156
8520 itr: 160160
8521 training loss: 3991.374
8522 itr: 160170
8523 training loss: 3808.2612
```

File - inte	rval_pred10_goontrain
8524	itr: 160180
8525	training loss: 3733.734
8526	itr: 160190
8527	training loss: 2988.877
8528	itr: 160200
8529	training loss: 4921.613
8530	itr: 160210
8531	training loss: 5670.6997
8532	itr: 160220
8533	training loss: 2584.121
8534	itr: 160230
8535	J
8536	itr: 160240
8537	5
8538	itr: 160250
8539	training loss: 4185.0386
8540	itr: 160260
8541	training loss: 2700.2595
8542	itr: 160270
8543	J
8544	itr: 160280
8545	training loss: 3812.4587
8546	itr: 160290
8547	training loss: 4290.4126
	itr: 160300
	training loss: 4581.4023
8550	
8551	J
8552	
	training loss: 4675.577
8554	
8555	training loss: 3945.7551
8556	
	training loss: 3028.7322
8558	
8559	3
8560	itr: 160360

File - inte	rval_pred10_goontrain
8561	training loss: 5192.97
8562	itr: 160370
8563	training loss: 5367.534
8564	itr: 160380
8565	training loss: 4027.4395
8566	itr: 160390
8567	training loss: 2945.2153
8568	itr: 160400
8569	training loss: 3804.594
8570	itr: 160410
8571	training loss: 2598.2222
8572	itr: 160420
8573	training loss: 2736.636
8574	itr: 160430
8575	training loss: 1610.3394
8576	itr: 160440
8577	training loss: 5566.5527
8578	itr: 160450
8579	training loss: 4526.337
8580	itr: 160460
8581	training loss: 5076.5923
8582	itr: 160470
8583	training loss: 5524.206
8584	itr: 160480
	training loss: 2108.6262
8586	
8587	3
8588	itr: 160500
8589 8590	5
8591	
8592	training loss: 3695.2178 itr: 160520
8593	
8594	itr: 160530
	training loss: 3319.2007
8596	ű –
8597	training loss: 4644.0864
0377	training 1033. 4044.0004

File - inte	rval_pred10_goontrain
8598	itr: 160550
8599	training loss: 2781.2717
8600	itr: 160560
8601	training loss: 3901.9087
8602	itr: 160570
8603	training loss: 2639.7388
8604	itr: 160580
8605	training loss: 4748.7334
8606	itr: 160590
8607	training loss: 4173.767
8608	itr: 160600
8609	training loss: 2798.7148
8610	itr: 160610
8611	training loss: 2666.6863
8612	itr: 160620
8613	training loss: 2033.2484
8614	itr: 160630
8615	training loss: 3603.4956
8616	itr: 160640
8617	training loss: 4039.6282
8618	itr: 160650
8619	training loss: 1936.9896
8620	itr: 160660
8621	training loss: 2507.0845
8622	itr: 160670
8623	training loss: 5124.7554
8624	itr: 160680
8625	training loss: 2613.2542
8626	itr: 160690
8627	training loss: 4977.943
8628	itr: 160700
8629	training loss: 6391.8433
8630	itr: 160710
8631	training loss: 3255.5415
8632	itr: 160720
8633	training loss: 4933.4575
8634	itr: 160730

File - inte	rval_pred10_goontrain
8635	training loss: 4336.6816
8636	itr: 160740
8637	training loss: 1580.772
8638	itr: 160750
8639	training loss: 4762.7515
8640	itr: 160760
8641	training loss: 2030.041
8642	itr: 160770
8643	training loss: 7218.0938
8644	itr: 160780
8645	training loss: 2308.3857
8646	itr: 160790
8647	training loss: 4330.0376
8648	itr: 160800
8649	training loss: 4224.129
8650	itr: 160810
8651	training loss: 3649.1592
8652	itr: 160820
8653	training loss: 2863.06
8654	itr: 160830
8655	5
8656	itr: 160840
8657	training loss: 3552.5017
8658	itr: 160850
8659 8660	3
8661	
8662	· ·
8663	
8664	ŭ
8665	training loss: 2128.1042
8666	itr: 160890
8667	training loss: 6011.203
8668	itr: 160900
8669	
8670	ů –
8671	training loss: 6152.1123

File - inte	rval_pred10_goontrain
8672	itr: 160920
8673	training loss: 4962.7207
8674	itr: 160930
8675	training loss: 2131.162
8676	itr: 160940
8677	training loss: 4773.3936
8678	itr: 160950
8679	training loss: 2267.7686
8680	itr: 160960
8681	training loss: 3951.503
8682	itr: 160970
8683	training loss: 1815.0681
8684	itr: 160980
8685	training loss: 3381.3335
8686	itr: 160990
8687	training loss: 2395.4602
8688	itr: 161000
8689	training loss: 2232.6934
8690	itr: 161010
8691	training loss: 1840.3226
8692	itr: 161020
8693	training loss: 3238.1968
8694	itr: 161030
	training loss: 4007.557
	itr: 161040
	training loss: 2215.8433
	itr: 161050
	training loss: 4026.6663
8700	itr: 161060
8701	training loss: 2251.361
8702	itr: 161070
	training loss: 2965.474
8704	itr: 161080 training loss: 1127 0652
8705 9706	J
8706	itr: 161090 training loss: 4706 276
	training loss: 4796.276
8708	itr: 161100

8742 itr: 161270 8743 training loss: 5319.123 8744 itr: 161280 8745 training loss: 6227.8823

```
File - interval_pred10_goontrain
8746 itr: 161290
8747 training loss: 3688.2808
8748 itr: 161300
8749 training loss: 5250.46
8750 itr: 161310
8751 training loss: 4609.72
8752 itr: 161320
8753 training loss: 5449.5527
8754 itr: 161330
8755 training loss: 3346.799
8756 itr: 161340
8757 training loss: 2860.9648
8758 itr: 161350
8759 training loss: 3620.4697
8760 itr: 161360
8761 training loss: 3894.5266
8762 itr: 161370
8763 training loss: 3619.255
8764 itr: 161380
8765 training loss: 2935.4749
8766 itr: 161390
8767 training loss: 3629.7017
8768 itr: 161400
8769 training loss: 3257.66
8770 itr: 161410
8771 training loss: 3143.3838
8772 itr: 161420
8773 training loss: 3349.6917
8774 itr: 161430
8775 training loss: 4510.365
8776 itr: 161440
8777 training loss: 3103.8477
8778 itr: 161450
8779 training loss: 3572.3567
8780 itr: 161460
8781 training loss: 2921.7139
8782 itr: 161470
```

File - inte	rval_pred10_goontrain
8783	training loss: 5104.991
8784	itr: 161480
8785	training loss: 3178.3855
8786	itr: 161490
8787	training loss: 3486.8564
8788	itr: 161500
8789	training loss: 5173.9365
8790	itr: 161510
8791	training loss: 1543.8136
8792	itr: 161520
8793	training loss: 4126.835
8794	itr: 161530
8795	training loss: 4074.395
8796	itr: 161540
	training loss: 4013.2158
8798	itr: 161550
8799	training loss: 2986.6023
8800	itr: 161560
8801	training loss: 1756.435
8802	itr: 161570
8803	training loss: 2263.65
8804	itr: 161580
8805	training loss: 2463.498
8806	itr: 161590
	training loss: 2694.3733
8808	itr: 161600
8809	J
8810	itr: 161610
8811	training loss: 962.9205
8812 8813	itr: 161620 training loss: 5267.866
8814	itr: 161630
8815	training loss: 3929.512
8816	itr: 161640
	training loss: 3299.7737
8818	itr: 161650
8819	training loss: 3201.0303
5017	traiming-1033. 3201.0303

rval_pred10_goontrain
itr: 161660
training loss: 3523.86
itr: 161670
training loss: 1412.5945
itr: 161680
training loss: 1659.0121
itr: 161690
training loss: 4336.2495
itr: 161700
training loss: 4165.148
itr: 161710
training loss: 3575.458
itr: 161720
training loss: 4521.0884
itr: 161730
training loss: 5758.1514
itr: 161740
training loss: 3405.193
itr: 161750
training loss: 4283.9565
itr: 161760
training loss: 2786.396
itr: 161770
training loss: 4756.3086
itr: 161780
training loss: 6082.1426
itr: 161790
training loss: 2152.5808
itr: 161800
training loss: 2861.6396
itr: 161810
training loss: 2083.395
itr: 161820
training loss: 5543.813
itr: 161830
training loss: 2367.9424
itr: 161840

File - inte	rval_pred10_goontrain
8857	training loss: 5564.421
8858	itr: 161850
8859	training loss: 3186.3923
8860	itr: 161860
8861	training loss: 3061.5173
8862	itr: 161870
8863	training loss: 2560.2983
8864	itr: 161880
8865	training loss: 2971.5874
8866	itr: 161890
8867	training loss: 4536.6665
8868	itr: 161900
8869	training loss: 1508.2777
8870	itr: 161910
8871	training loss: 2051.8372
8872	itr: 161920
8873	training loss: 4545.3022
8874	itr: 161930
8875	training loss: 5959.168
8876	itr: 161940
8877	training loss: 5966.7085
8878	itr: 161950
8879	training loss: 2395.8127
8880	itr: 161960
8881 8882	5
8883	
8884	training loss: 4069.5674 itr: 161980
8885	training loss: 1673.6229
8886	itr: 161990
8887	training loss: 2683.516
8888	itr: 162000
8889	training loss: 3176.6116
8890	itr: 162010
8891	training loss: 2222.5908
8892	itr: 162020
8893	training loss: 3153.8599

File - inte	rval_pred10_goontrain
8894	itr: 162030
8895	training loss: 541.7766
8896	itr: 162040
8897	training loss: 2595.0925
8898	itr: 162050
8899	training loss: 4487.592
8900	itr: 162060
8901	training loss: 5428.536
8902	itr: 162070
8903	training loss: 1452.3064
8904	itr: 162080
8905	training loss: 503.08673
8906	itr: 162090
8907	training loss: 2990.9268
8908	itr: 162100
8909	training loss: 6774.815
8910	itr: 162110
8911	training loss: 4562.4243
8912	itr: 162120
8913	training loss: 1420.2834
8914	itr: 162130
8915	training loss: 5298.1196
8916	itr: 162140
8917	training loss: 4164.0
8918	
8919	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
8920	
8921	training loss: 4755.7324
8922	
8923	<i>y</i>
8924	itr: 162180
8925 8926	training loss: 4393.171
	itr: 162190
892 <i>1</i> 8928	training loss: 4465.8096
8928 8929	
	J
8930	itr: 162210

File into	
8931	rval_pred10_goontrain training loss: 2589.0837
8932	
8933	
8934	itr: 162230
8935	training loss: 6127.9604
8936	itr: 162240
8937	training loss: 4424.7495
8938	itr: 162250
8939	training loss: 3207.4773
8940	itr: 162260
8941	training loss: 4966.4595
8942	itr: 162270
8943	<u> </u>
8944	itr: 162280
8945	training loss: 3704.357
8946	itr: 162290
8947	training loss: 5385.5615
8948	itr: 162300
8949	training loss: 3184.3975
8950	itr: 162310
8951	training loss: 5717.747
8952 8953	itr: 162320
8954	training loss: 4003.3945 itr: 162330
8955	
8956	itr: 162340
8957	training loss: 2877.4756
8958	
8959	
8960	itr: 162360
8961	training loss: 4753.4995
8962	itr: 162370
8963	
8964	ŭ .
8965	training loss: 3444.3433
8966	itr: 162390

8967 training loss: 1809.3207

File - inte	rval_pred10_goontrain
8968	itr: 162400
8969	training loss: 6148.9395
8970	itr: 162410
8971	training loss: 3228.3706
8972	itr: 162420
8973	training lo <u>ss:</u> 3913.2847
8974	itr: 162430
8975	training lo <u>ss:</u> 4471.4985
8976	itr: 162440
8977	training loss: 4904.1167
8978	itr: 162450
8979	training loss: 3667.3005
8980	itr: 162460
8981	training loss: 1741.5446
8982	itr: 162470
8983	training loss: 3450.505
8984	itr: 162480
8985	training loss: 6856.435
8986	itr: 162490
8987	training loss: 3148.5337
8988	itr: 162500
8989	training loss: 1260.8295
8990	itr: 162510
8991	training loss: 953.86426
8992	itr: 162520
8993	training loss: 4782.7935
8994	itr: 162530
8995	training loss: 4572.3647
8996	itr: 162540
8997	training loss: 4627.4014
8998	itr: 162550
8999	training loss: 1184.5638
9000	itr: 162560
9001	training loss: 5207.457
9002	itr: 162570
9003	training loss: 3679.6226
9004	itr: 162580

9040 itr: 162760

9039 training loss: 2547.145

9041 training loss: 3869.4302

File - inte	rval_pred10_goontrain
9042	itr: 162770
9043	training loss: 4389.9165
9044	itr: 162780
9045	training loss: 2367.1804
9046	itr: 162790
9047	training loss: 6336.6895
9048	itr: 162800
9049	training loss: 3292.8672
9050	itr: 162810
9051	training loss: 3465.907
	itr: 162820
9053	training loss: 4168.4165
9054	itr: 162830
	training loss: 3945.1404
9056	
	training loss: 4856.4326
9058	itr: 162850
9059	3
9060	itr: 162860
	training loss: 2303.027
	itr: 162870
	training loss: 5357.5527
9064	itr: 162880
	training loss: 3966.4094
9066	
	training loss: 5300.193
9068	
	training loss: 4695.396
9070	
9071	3
9072	
	training loss: 2005.5896
9074	itr: 162930
	training loss: 1664.6207
9076	
	training loss: 4525.86
9078	itr: 162950

9109 training loss: 2885.0442 9110 itr: 163110 9111 training loss: 1386.4767 9112 itr: 163120 9113 training loss: 4512.186 9114 itr: 163130 9115 training loss: 1844.6047

```
File - interval_pred10_goontrain
9116 itr: 163140
9117 training loss: 3978.2485
9118 itr: 163150
9119 training loss: 3772.5684
9120 itr: 163160
9121 training loss: 3381.3818
9122 itr: 163170
9123 training loss: 5018.753
9124 itr: 163180
9125 training loss: 2936.1567
9126 itr: 163190
9127 training loss: 5452.3
9128 itr: 163200
9129 training loss: 3657.589
9130 itr: 163210
9131 training loss: 2217.7336
9132 itr: 163220
9133 training loss: 3402.6392
9134 itr: 163230
9135 training loss: 7265.9297
9136 itr: 163240
9137 training loss: 3951.8223
9138 itr: 163250
9139 training loss: 5630.673
9140 itr: 163260
9141 training loss: 1233.6285
9142 itr: 163270
9143 training loss: 2545.1675
9144 itr: 163280
9145 training loss: 3834.2532
9146 itr: 163290
9147 training loss: 2562.8206
9148 itr: 163300
9149 training loss: 2815.9924
9150 itr: 163310
9151 training loss: 4162.4194
```

9188 itr: 163500

9187 training loss: 2185.9072

9189 training loss: 3501.2197

```
File - interval_pred10_goontrain
9190 itr: 163510
9191 training loss: 3821.221
9192 itr: 163520
9193 training loss: 6484.3086
9194 itr: 163530
9195 training loss: 4881.4033
9196 itr: 163540
9197 training loss: 2262.8777
9198 itr: 163550
9199 training loss: 3337.3347
9200 itr: 163560
9201 training loss: 2009.6069
9202 itr: 163570
9203 training loss: 4284.077
9204 itr: 163580
9205 training loss: 4312.1177
9206 itr: 163590
9207 training loss: 2866.397
9208 itr: 163600
9209 training loss: 3009.7366
9210 itr: 163610
9211 training loss: 3996.7268
9212 itr: 163620
9213 training loss: 2767.9893
9214 itr: 163630
9215 training loss: 4178.805
9216 itr: 163640
9217 training loss: 3991.0527
9218 itr: 163650
9219 training loss: 3820.6677
9220 itr: 163660
9221 training loss: 3967.9502
9222 itr: 163670
9223 training loss: 1552.83
9224 itr: 163680
9225 training loss: 5208.304
9226 itr: 163690
```

File - inte	rval_pred10_goontrain
9227	training loss: 3691.176
9228	itr: 163700
9229	training loss: 4907.435
9230	itr: 163710
9231	training loss: 5027.918
9232	itr: 163720
9233	training loss: 5784.8535
9234	itr: 163730
9235	training loss: 1612.811
9236	itr: 163740
9237	training loss: 5051.43
9238	itr: 163750
9239	training loss: 4618.8354
9240	itr: 163760
9241	training loss: 3754.2144
9242	itr: 163770
9243	training loss: 2670.433
9244	itr: 163780
9245	training loss: 4116.787
9246	itr: 163790
9247	training loss: 2938.546
9248 9249	itr: 163800
9249	training loss: 3815.265 itr: 163810
9250	
	training loss: 5069.533 itr: 163820
	training loss: 3989.172
9254	
9255	
9256	
	training loss: 2156.4624
9258	itr: 163850
	training loss: 2909.7888
	itr: 163860
	training loss: 6541.3325
9262	
9263	training loss: 1771.3995

```
File - interval_pred10_goontrain
9264 itr: 163880
9265 training loss: 3946.559
9266 itr: 163890
9267 training loss: 3839.6287
9268 itr: 163900
9269 training loss: 3063.342
9270 itr: 163910
9271 training loss: 886.8201
9272 itr: 163920
9273 training loss: 3236.2847
9274 itr: 163930
9275 training loss: 4438.8477
9276 itr: 163940
9277 training loss: 3716.5195
9278 itr: 163950
9279 training loss: 2092.2722
9280 itr: 163960
9281 training loss: 3360.0166
9282 itr: 163970
9283 training loss: 5573.947
9284 itr: 163980
9285 training loss: 3539.0073
9286 itr: 163990
9287 training loss: 4895.6777
9288 itr: 164000
9289 training loss: 3609.6345
9290 itr: 164010
9291 training loss: 3378.9568
9292 itr: 164020
9293 training loss: 5105.4736
9294 itr: 164030
9295 training loss: 1962.1865
9296 itr: 164040
9297 training loss: 4054.6409
9298 itr: 164050
9299 training loss: 3738.6875
```

File - inte	rval_pred10_goontrain
9301	training loss: 2852.4712
9302	
9303	training loss: 3179.1533
9304	itr: 164080
9305	training loss: 3664.8833
9306	itr: 164090
9307	training loss: 4926.0215
9308	itr: 164100
9309	<u> </u>
9310	itr: 164110
9311	J 1
9312	itr: 164120
9313	training loss: 2796.2458
9314	itr: 164130
9315	training loss: 2208.8635
9316	itr: 164140
9317	training loss: 3080.1418
9318	itr: 164150
9319	training loss: 3166.1309
9320	itr: 164160
9321	training loss: 3594.5945
9322	itr: 164170
9323	training loss: 2188.1484
9324	itr: 164180
9325	training loss: 5463.6143
9326	itr: 164190
9327	training loss: 4846.4463
9328	itr: 164200
9329	training loss: 5462.3613
9330	itr: 164210
9331	training loss: 4610.666
9332	itr: 164220
9333	training loss: 4342.509
9334	itr: 164230
9335	training loss: 4195.5054
9336	itr: 164240

9337 training loss: 3395.5276

```
File - interval_pred10_goontrain
9338 itr: 164250
9339 training loss: 2247.296
9340 itr: 164260
9341 training loss: 3043.03
9342 itr: 164270
9343 training loss: 4910.8105
9344 itr: 164280
9345 training loss: 4822.2446
9346 itr: 164290
9347 training loss: 5226.76
9348 itr: 164300
9349 training loss: 5289.186
9350 itr: 164310
9351 training loss: 4049.75
9352 itr: 164320
9353 training loss: 4586.7173
9354 itr: 164330
9355 training loss: 3729.3276
9356 itr: 164340
9357 training loss: 3145.8252
9358 itr: 164350
9359 training loss: 2879.3381
9360 itr: 164360
9361 training loss: 4107.484
9362 itr: 164370
9363 training loss: 1908.4022
9364 itr: 164380
9365 training loss: 1445.297
9366 itr: 164390
9367 training loss: 4575.725
9368 itr: 164400
9369 training loss: 2949.7278
9370 itr: 164410
9371 training loss: 3102.416
9372 itr: 164420
9373 training loss: 4659.628
9374 itr: 164430
```

9411 training loss: 3659.3877

```
File - interval_pred10_goontrain
9412 itr: 164620
9413 training loss: 3361.7651
9414 itr: 164630
9415 training loss: 1670.5651
9416 itr: 164640
9417 training loss: 1550.4355
9418 itr: 164650
9419 training loss: 5851.3945
9420 itr: 164660
9421 training loss: 4109.5615
9422 itr: 164670
9423 training loss: 1183.8917
9424 itr: 164680
9425 training loss: 2746.3457
9426 itr: 164690
9427 training loss: 2475.5767
9428 itr: 164700
9429 training loss: 2203. 1887
9430 itr: 164710
9431 training loss: 836.55066
9432 itr: 164720
9433 training loss: 2933.8367
9434 itr: 164730
9435 training loss: 2116.126
9436 itr: 164740
9437 training loss: 4863.778
9438 itr: 164750
9439 training loss: 2172.608
9440 itr: 164760
9441 training loss: 759.37463
9442 itr: 164770
9443 training loss: 2310.633
9444 itr: 164780
9445 training loss: 3266.6814
```

9448 itr: 164800

9447 training loss: 2916.6235

File - inte	rval_pred10_goontrain
9449	training loss: 4240.039
9450	itr: 164810
9451	training loss: 5480.231
9452	itr: 164820
9453	training loss: 5449.243
9454	itr: 164830
9455	training loss: 1403.12
9456	itr: 164840
9457	training loss: 5516.2505
9458	itr: 164850
9459	J
9460	itr: 164860
9461	training loss: 3158.2659
9462	itr: 164870
9463	3
9464	itr: 164880
9465	training loss: 3252.4377
9466	itr: 164890
9467	training loss: 4011.3606
9468	itr: 164900
9469	training loss: 4753.9487
9470	itr: 164910
9471	training loss: 5250.6494
9472 9473	itr: 164920
9473	training loss: 3314.9875 itr: 164930
9474	training loss: 4288.6465
9476	itr: 164940
9477	training loss: 4972.088
9478	itr: 164950
9479	training loss: 1918.0505
9480	itr: 164960
9481	training loss: 3124.3865
9482	itr: 164970
9483	
9484	itr: 164980
9485	training loss: 3598.0942

```
File - interval_pred10_goontrain
9486 itr: 164990
9487 training loss: 4353.718
9488 itr: 165000
9489 training loss: 5347.217
9490 test...
9491 mse per seq: 9218.40762117174
9492 605. 7649916189688
9493 698. 1761775546604
9494 776. 4196894610369
9495 831. 2009617840803
9496 911. 5922330220541
9497 1019. 1722489816171
9498 1050. 6930491129558
9499 1078. 1859650788483
9500 1104. 8891795123066
9501 1142. 3131250452113
9502 psnr per frame: 17.303436
9503 18.768955
9504 18. 209831
9505 17.869377
9506 17.615156
9507 17. 355516
9508 16.813545
9509 16. 706497
9510 16.609459
9511 16.560177
9512 16. 52584
9513 fmae per frame: 1860.932
9514 1464.8002
9515 1593. 9253
9516 1705.3878
9517 1771.6964
9518 1864.8948
9519 1988. 7355
9520 2021.8423
9521 2045. 9736
9522 2061.996
```

```
File - interval_pred10_goontrain
9523 2090.068
9524 ssim per frame: 0.79586756
9525 0.8266019
9526 0.81489396
9527 0.8071821
9528 0.80183744
9529 0.796864
9530 0.7852014
9531 0.78324306
9532 0.7819888
9533 0.7802287
9534 0.78063416
9535 sharpness per frame: 254.91899
9536 255.0
9537 254. 9537
9538 255.0
9539 255.0
9540 254. 9537
9541 254.84259
9542 254. 91203
9543 254. 91203
9544 254. 86574
9545 254.75
9546 saved to checkpoints/radar_predrnn_pp
9547 itr: 165010
9548 training loss: 2612.714
9549 itr: 165020
9550 training loss: 4025.165
9551 itr: 165030
9552 training loss: 3421.5938
9553 itr: 165040
9554 training loss: 4032.5757
9555 itr: 165050
9556 training loss: 2659.8823
9557 itr: 165060
9558 training loss: 3289.2588
9559 itr: 165070
```

	rval_pred10_goontrain
9597	itr: 165260
9598	training loss: 4579.2583
9599	itr: 165270
9600	training loss: 3476.8364
9601	itr: 165280
9602 9603	3
	itr: 165290
9604	training loss: 3043.209
9605	itr: 165300
9606 9607	training loss: 3454.6719 itr: 165310
9608	
9609	itr: 165320
9610	training loss: 4666.3394
9611	itr: 165330
9612	training loss: 1580.9264
9613	itr: 165340
9614	training loss: 4842.803
9615	itr: 165350
9616	
9617	itr: 165360
9618	training loss: 2662.667
9619	itr: 165370
9620	training loss: 2288.352
9621	
9622	training loss: 4828.0625
9623	itr: 165390
9624	training loss: 4699.797
9625	itr: 165400
9626	training loss: 4149.2437
9627	itr: 165410
9628	training loss: 713.4276
9629	itr: 165420
9630	training loss: 3177.438
9631	itr: 165430
9632	training lo <mark>ss: 1414.8765</mark>
9633	itr: 165440

9670 training loss: 4078.1162

```
File - interval_pred10_goontrain
9671 itr: 165630
9672 training loss: 4120.185
9673 itr: 165640
9674 training loss: 3624.4548
9675 itr: 165650
9676 training loss: 2707.0908
9677 itr: 165660
9678 training loss: 4002.1157
9679 itr: 165670
9680 training loss: 3369.6301
9681 itr: 165680
9682 training loss: 5134.3296
9683 itr: 165690
9684 training loss: 5281.288
9685 itr: 165700
9686 training loss: 4078.3296
9687 itr: 165710
9688 training loss: 2500.1433
9689 itr: 165720
9690 training loss: 4734.6157
9691 itr: 165730
9692 training loss: 3034.6724
9693 itr: 165740
9694 training loss: 5210.922
9695 itr: 165750
9696 training loss: 3987.0981
9697 itr: 165760
9698 training loss: 3968.4204
9699 itr: 165770
9700 training loss: 3878.0112
9701 itr: 165780
9702 training loss: 3687.4612
9703 itr: 165790
9704 training loss: 4680.2505
9705 itr: 165800
9706 training loss: 4621.8257
9707 itr: 165810
```

9736 training Toss: 3458.9922 9737 itr: 165960 9738 training loss: 4235.9272 9739 itr: 165970 9740 training loss: 1723.335 9741 itr: 165980 9742 training loss: 1883.1454 9743 itr: 165990 9744 training loss: 5652.811

```
File - interval_pred10_goontrain
9745 itr: 166000
9746 training loss: 1330.898
9747 itr: 166010
9748 training loss: 4805.8
9749 itr: 166020
9750 training loss: 4758.585
9751 itr: 166030
9752 training loss: 4281.9287
9753 itr: 166040
9754 training loss: 4248.242
9755 itr: 166050
9756 training loss: 3672.906
9757 itr: 166060
9758 training loss: 4323.076
9759 itr: 166070
9760 training loss: 6594.005
9761 itr: 166080
9762 training loss: 4417.244
9763 itr: 166090
9764 training loss: 2736.7842
9765 itr: 166100
9766 training loss: 2451.5964
9767 itr: 166110
9768 training loss: 5680.2397
9769 itr: 166120
9770 training loss: 6924.851
9771 itr: 166130
9772 training loss: 6868.6177
9773 itr: 166140
9774 training loss: 10400.811
9775 itr: 166150
9776 training loss: 7853.9775
9777 itr: 166160
9778 training loss: 10904.4795
9779 itr: 166170
9780 training loss: 8399.448
9781 itr: 166180
```

File - inte	rval_pred10_goontrain
9782	training loss: 9236.492
9783	itr: 166190
9784	training loss: 17006.09
9785	itr: 166200
9786	training loss: 8732.798
9787	itr: 166210
9788	training loss: 8716.056
9789	itr: 166220
9790	training loss: 2235.9424
9791	itr: 166230
9792	· · · · · · · · · · · · · · · · · · ·
9793	itr: 166240
9794	training loss: 9628.211
9795	itr: 166250
9796	training loss: 9508.089
9797	itr: 166260
9798	training loss: 9523.608
9799	itr: 166270
9800	training loss: 7274.3364
9801	itr: 166280
9802	training loss: 1002.2655
9803	itr: 166290
9804	training loss: 994.9695
9805	itr: 166300
9806	training loss: 6277.058
9807	itr: 166310
9808	training loss: 7052.4897
9809	itr: 166320
9810	J
9811	itr: 166330
9812	training loss: 5670.81
9813	itr: 166340
9814	training loss: 4525.306
9815	itr: 166350
9816	training loss: 3945.2847
9817	itr: 166360

9818 training loss: 5228.884

File - inte	rval_pred10_goontrain
9819	itr: 166370
9820	training loss: 8047.415
9821	itr: 166380
9822	training loss: 6557.067
9823	itr: 166390
9824	training loss: 5048.6533
9825	itr: 166400
9826	training loss: 4853.2197
9827	itr: 166410
9828	training loss: 5121.2036
9829	itr: 166420
9830	training loss: 2360.016
9831	itr: 166430
9832	training loss: 3865.0742
9833	itr: 166440
9834	training loss: 3949.537
9835	itr: 166450
9836	training loss: 5200.988
9837	itr: 166460
9838	training loss: 4708.5674
9839	itr: 166470
9840	training loss: 2626.6484
9841	itr: 166480
	training loss: 4947.811
9843	itr: 166490
9844	5
9845	
9846	training loss: 6049.313
9847	itr: 166510
9848	training loss: 2202.2495
9849	itr: 166520
9850	training loss: 4630.564
9851	itr: 166530
9852	J
9853	
9854	training loss: 1978.2184
9855	itr: 166550

File - inte	rval_pred10_goontrain
9856	training loss: 3762.5447
9857	itr: 166560
9858	training loss: 7204.795
9859	itr: 166570
9860	3
9861	
9862	3
9863	
9864	<u> </u>
9865	
9866	
9867	itr: 166610
9868	
9869	itr: 166620
9870	3
9871	itr: 166630
9872	training loss: 6581.374
9873	itr: 166640
9874	5
9875	
9876	training loss: 6720.481
9877	itr: 166660
9878	training loss: 4872.8486
9879	itr: 166670
9880	training loss: 6309.7456
9881	itr: 166680
9882	3
9883	itr: 166690
9884	training loss: 7829.248
9885 9886	itr: 166700 training loss: 2226 5202
9886	training loss: 2336.5303
	itr: 166710
9888 9889	training loss: 834.05115 itr: 166720
9899	
7070	training loss: 6164.271

9892 training loss: 3268.2163

```
File - interval_pred10_goontrain
9893 itr: 166740
9894 training loss: 5682.6763
9895 itr: 166750
9896 training loss: 6226.152
9897 itr: 166760
9898 training loss: 6237.1357
9899 itr: 166770
9900 training loss: 4781.164
9901 itr: 166780
9902 training loss: 4017.0183
9903 itr: 166790
9904 training loss: 1326.6635
9905 itr: 166800
9906 training loss: 3253.841
9907 itr: 166810
9908 training loss: 1578.2484
9909 itr: 166820
9910 training loss: 2945.1182
9911 itr: 166830
9912 training loss: 1659.8047
9913 itr: 166840
9914 training loss: 4384.2935
9915 itr: 166850
9916 training loss: 5305.2856
9917 itr: 166860
9918 training loss: 4687.3877
9919 itr: 166870
9920 training loss: 2642.2688
9921 itr: 166880
9922 training loss: 5519.3804
9923 itr: 166890
9924 training loss: 2590.2815
9925 itr: 166900
9926 training loss: 5289.417
9927 itr: 166910
9928 training loss: 3498.6003
9929 itr: 166920
```

File - inte	rval_pred10_goontrain
9930	training loss: 6069.373
9931	itr: 166930
9932	training loss: 5272.05
9933	itr: 166940
9934	training loss: 4056.7227
9935	itr: 166950
9936	training loss: 2243.8103
9937	itr: 166960
9938	training loss: 4271.0547
9939	itr: 166970
9940	training loss: 3135.8945
9941	itr: 166980
9942	training loss: 4314.0254
9943	itr: 166990
9944	training loss: 4483.1636
9945	itr: 167000
9946	training loss: 2717.2085
9947	itr: 167010
9948	training loss: 3110.4277
9949	itr: 167020
9950	training loss: 2675.7107
9951	itr: 167030
9952	training loss: 2683.018
9953	itr: 167040
9954	training loss: 1735.4868
9955	itr: 167050
9956	training loss: 2842.661
9957	itr: 167060
9958	training loss: 5316.3936
9959	itr: 167070
9960	training loss: 1690.7416
9961	itr: 167080
9962	training loss: 6000.152
9963	itr: 167090
9964	training loss: 2415.521
9965	
9966	training loss: 2911.3027

```
File - interval_pred10_goontrain
 9967 itr: 167110
 9968 training loss: 3593.3018
 9969 itr: 167120
 9970 training loss: 3266.6135
 9971 itr: 167130
 9972 training loss: 5510.778
 9973 itr: 167140
 9974 training loss: 3083.022
 9975 itr: 167150
 9976 training loss: 2471.581
 9977 itr: 167160
 9978 training loss: 3536.824
 9979 itr: 167170
 9980 training loss: 2711.8953
 9981 itr: 167180
 9982 training loss: 4457.0464
 9983 itr: 167190
 9984 training loss: 4762.9546
 9985 itr: 167200
 9986 training loss: 5181.7856
 9987 itr: 167210
 9988 training loss: 3581.9976
 9989 itr: 167220
 9990 training loss: 7079.794
 9991 itr: 167230
 9992 training loss: 2551.552
 9993 itr: 167240
 9994 training loss: 3499.1343
 9995 itr: 167250
 9996 training loss: 2551.329
 9997 itr: 167260
 9998 training loss: 1740.0437
 9999 itr: 167270
10000 training loss: 4903.153
10001 itr: 167280
10002 training loss: 5543.425
10003 itr: 167290
```

File - interv	al_pred10_goontrain
10004	training loss: 3863.0361
10005	itr: 167300
10006	training loss: 1960.3025
10007	itr: 167310
10008	training loss: 4631.3467
10009	itr: 167320
10010	training loss: 1605.8789
10011	itr: 167330
10012	training loss: 5259.2393
10013	itr: 167340
10014	training loss: 3718.0579
10015	itr: 167350
10016	training loss: 1276.1882
10017	itr: 167360
10018	training loss: 2916.301
10019	itr: 167370
10020	training loss: 2040.2454
10021	itr: 167380
10022	training loss: 4946.443
10023	itr: 167390
10024	training loss: 4274.29
10025	itr: 167400
10026	training loss: 2779.1458
10027	itr: 167410
10028	training loss: 4898.2534
10029	itr: 167420
10030	training loss: 4683.727
10031	itr: 167430
10032	training loss: 4579.521
10033	itr: 167440
10034	training loss: 5337.997
10035	itr: 167450
10036	training loss: 3724.6968
10037	itr: 167460
10038	training loss: 4012.1003
10039	itr: 167470
10040	training loss: 3695.7644

```
File - interval_pred10_goontrain
10041 itr: 167480
10042 training loss: 3012.4158
10043 itr: 167490
10044 training loss: 4224.205
10045 itr: 167500
10046 training loss: 4427.477
10047 itr: 167510
10048 training loss: 3116.5693
10049 itr: 167520
10050 training loss: 2809.4153
10051 itr: 167530
10052 training loss: 4382.3994
10053 itr: 167540
10054 training loss: 5518.14
10055 itr: 167550
10056 training loss: 5210.6226
10057 itr: 167560
10058 training loss: 4356.156
10059 itr: 167570
10060 training loss: 2272.268
10061 itr: 167580
10062 training loss: 4067.549
10063 itr: 167590
10064 training loss: 2361.2605
10065 itr: 167600
10066 training loss: 3603.763
10067 itr: 167610
10068 training loss: 4378.754
10069 itr: 167620
10070 training loss: 5000.583
10071 itr: 167630
10072 training loss: 4134.014
10073 itr: 167640
10074 training loss: 4456.196
10075 itr: 167650
10076 training loss: 2001.0564
10077 itr: 167660
```

10114 training loss: 3126.949

```
File - interval_pred10_goontrain
10115 itr: 167850
10116 training loss: 6822.6025
10117 itr: 167860
10118 training loss: 4885.9966
10119 itr: 167870
10120 training loss: 3394.156
10121 itr: 167880
10122 training loss: 4197.073
10123 itr: 167890
10124 training loss: 3795.959
10125 itr: 167900
10126 training loss: 3215.1921
10127 itr: 167910
10128 training loss: 2777.916
10129 itr: 167920
10130 training loss: 2686.6064
10131 itr: 167930
10132 training loss: 2973.2412
10133 itr: 167940
10134 training loss: 3883.12
10135 itr: 167950
10136 training loss: 2975.1836
10137 itr: 167960
10138 training loss: 2981.0254
10139 itr: 167970
10140 training loss: 3417.159
10141 itr: 167980
10142 training loss: 3811.143
10143 itr: 167990
10144 training loss: 2773.5117
10145 itr: 168000
10146 training loss: 2404.452
10147 itr: 168010
10148 training loss: 3633.1765
10149 itr: 168020
10150 training loss: 1330.3066
10151 itr: 168030
```

File - interv	ral_pred10_goontrain
10152	training loss: 2565.5608
10153	itr: 168040
10154	training loss: 3662.8677
10155	itr: 168050
10156	training loss: 2696.9814
10157	itr: 168060
10158	training loss: 3139.2107
10159	itr: 168070
10160	training loss: 4346.797
10161	itr: 168080
10162	training loss: 5063.442
10163	itr: 168090
10164	training loss: 4585.977
10165	itr: 168100
10166	training loss: 3710.9536
10167	itr: 168110
10168	training loss: 3827.8616
10169	itr: 168120
10170	training loss: 3986.02
10171	itr: 168130
10172	training loss: 1716.2424
10173	itr: 168140
10174	training loss: 2110.8794
10175	itr: 168150
10176	training loss: 916.9803
10177	itr: 168160
10178	training loss: 5511.627
10179	itr: 168170
10180	training loss: 5638.257
10181	itr: 168180
10182	training loss: 3583.5212
10183	itr: 168190
10184	training loss: 2498.9285
10185	itr: 168200
10186	training loss: 4870.626
10187	itr: 168210
10188	training loss: 3893.7817

```
File - interval_pred10_goontrain
10189 itr: 168220
10190 training loss: 1005.4252
10191 itr: 168230
10192 training loss: 3035.938
10193 itr: 168240
10194 training loss: 2217.1658
10195 itr: 168250
10196 training loss: 901.31323
10197 itr: 168260
10198 training loss: 3262.2336
10199 itr: 168270
10200 training loss: 3781.1187
10201 itr: 168280
10202 training loss: 3446.7021
10203 itr: 168290
10204 training loss: 3397.3313
10205 itr: 168300
10206 training loss: 3459.435
10207 itr: 168310
10208 training loss: 3393.7007
10209 itr: 168320
10210 training loss: 3389.1255
10211 itr: 168330
10212 training loss: 4762.692
10213 itr: 168340
10214 training loss: 3367.708
10215 itr: 168350
10216 training loss: 3374.9897
10217 itr: 168360
10218 training loss: 4157.834
10219 itr: 168370
10220 training loss: 4559.413
10221 itr: 168380
10222 training loss: 1835.9275
10223 itr: 168390
10224 training loss: 5171.928
10225 itr: 168400
```

File - interv	al_pred10_goontrain
10226	training loss: 2581.0364
10227	itr: 168410
10228	training loss: 4084.7974
10229	itr: 168420
10230	training loss: 3706.8442
10231	itr: 168430
10232	training loss: 1033.1066
10233	itr: 168440
10234	training loss: 4346.9663
10235	itr: 168450
10236	training loss: 4956.981
10237	itr: 168460
10238	training loss: 3624.8052
10239	itr: 168470
10240	training loss: 3295.192
10241	itr: 168480
10242	training loss: 3870.8218
10243	itr: 168490
10244	training loss: 2753.8672
10245	itr: 168500
10246	training loss: 4303.9272
10247	itr: 168510
10248	training loss: 4509.38
10249	itr: 168520
10250	training loss: 3894.081
10251	itr: 168530
10252	training loss: 2703.1318
10253	itr: 168540
10254	training loss: 3357.1475
10255	itr: 168550
10256	training loss: 5911.3213
10257	itr: 168560
10258	training loss: 2581.1086
10259	itr: 168570
10260	training loss: 4603.8657
10261	itr: 168580
10262	training loss: 3149.2178

```
File - interval_pred10_goontrain
10263 itr: 168590
10264 training loss: 4370.407
10265 itr: 168600
10266 training loss: 3083.8733
10267 itr: 168610
10268 training loss: 2672.4446
10269 itr: 168620
10270 training loss: 4483.2954
10271 itr: 168630
10272 training loss: 2821.496
10273 itr: 168640
10274 training loss: 4890.4355
10275 itr: 168650
10276 training loss: 4985.921
10277 itr: 168660
10278 training loss: 3996.0452
10279 itr: 168670
10280 training loss: 4590.5757
10281 itr: 168680
10282 training loss: 4799.125
10283 itr: 168690
10284 training loss: 3348.3103
10285 itr: 168700
10286 training loss: 1520.1807
10287 itr: 168710
10288 training loss: 4270.4707
10289 itr: 168720
10290 training loss: 3675.4734
10291 itr: 168730
10292 training loss: 2691.4587
10293 itr: 168740
10294 training loss: 426.02252
10295 itr: 168750
10296 training loss: 4047.651
10297 itr: 168760
10298 training loss: 4542.615
10299 itr: 168770
```

File - interv	al_pred10_goontrain
10300	training loss: 5467.423
10301	itr: 168780
10302	training loss: 4992.429
10303	itr: 168790
10304	training loss: 3642.379
10305	itr: 168800
10306	training Loss: 2986.7021
10307	itr: 168810
10308	training loss: 5337.739
10309	itr: 168820
10310	training loss: 3087.2542
10311	itr: 168830
10312	training Loss: 4282.993
10313	itr: 168840
10314	training Loss: 2972.0916
10315	itr: 168850
10316	training loss: 2717.8728
10317	itr: 168860
10318	training loss: 2424.0115
10319	itr: 168870
10320	training loss: 4231.6094
10321	itr: 168880
10322	training Loss: 2399.719
10323	itr: 168890
10324	training loss: 4387.249
10325	itr: 168900
10326	training loss: 3374.0815
10327	itr: 168910
10328	training loss: 5415.721
10329	itr: 168920
10330	training loss: 2177.901
10331	itr: 168930
10332	training loss: 2926.9722
10333	itr: 168940
10334	training loss: 660.7629
10335	itr: 168950
10336	training loss: 5053.0728

File - interv	al_pred10_goontrain
10337	itr: 168960
10338	training loss: 2465.8003
10339	itr: 168970
10340	training loss: 2321.0078
10341	itr: 168980
10342	training loss: 2894.0278
10343	itr: 168990
10344	training loss: 3955.624
10345	itr: 169000
10346	training loss: 2054.5186
10347	itr: 169010
10348	training loss: 2108.5352
10349	itr: 169020
10350	training loss: 4346.9316
10351	itr: 169030
	training loss: 5040.4536
10353	itr: 169040
10354	training loss: 5896.4746
10355	itr: 169050
10356	training loss: 3956.5146
10357	itr: 169060
10358	training loss: 3569.8691
10359	itr: 169070
10360	training loss: 3614.282
10361	itr: 169080
	training loss: 3626.0583
10363	itr: 169090
10364	training loss: 2137.8464
10365	itr: 169100
	training loss: 2983.0586
10367	itr: 169110
10368	training loss: 5101.073
10369	itr: 169120
10370	training loss: 3791.8657
10371	itr: 169130
10372	training loss: 2594.9023
10373	itr: 169140

File - interv	al_pred10_goontrain
10374	training loss: 4035.7363
10375	itr: 169150
10376	training loss: 5207.963
10377	itr: 169160
10378	training loss: 4052.3892
10379	itr: 169170
10380	training loss: 3993.7112
10381	itr: 169180
10382	training loss: 2633.9048
10383	itr: 169190
10384	training loss: 2814.3718
10385	itr: 169200
10386	training loss: 2427.8728
10387	itr: 169210
10388	training loss: 4345.775
10389	itr: 169220
10390	training loss: 3161.418
10391	itr: 169230
10392	training loss: 3377.0464
10393	itr: 169240
10394	training loss: 1914.095
10395	itr: 169250
10396	training loss: 1446.9761
10397	itr: 169260
10398	training loss: 1228.952
10399	itr: 169270
10400	training loss: 4463.8755
10401	itr: 169280
10402	training loss: 2456.5737
10403	itr: 169290
10404	training loss: 4751.1504
10405	itr: 169300
10406	training loss: 4623.3496
10407	itr: 169310
10408	training loss: 5722.383
10409	itr: 169320
10410	training loss: 3595.2822

```
File - interval_pred10_goontrain
10411 itr: 169330
10412 training loss: 4972.5693
10413 itr: 169340
10414 training loss: 4635.925
10415 itr: 169350
10416 training loss: 6223.1084
10417 itr: 169360
10418 training loss: 5100.532
10419 itr: 169370
10420 training loss: 5557.276
10421 itr: 169380
10422 training loss: 3711.4048
10423 itr: 169390
10424 training loss: 3425.9448
10425 itr: 169400
10426 training loss: 3527.478
10427 itr: 169410
10428 training loss: 3775.774
10429 itr: 169420
10430 training loss: 5928.902
10431 itr: 169430
10432 training loss: 2591.3901
10433 itr: 169440
10434 training loss: 6729.5767
10435 itr: 169450
10436 training loss: 3083.5315
10437 itr: 169460
10438 training loss: 1371.2162
10439 itr: 169470
10440 training loss: 1973.0238
10441 itr: 169480
10442 training loss: 3268.3577
10443 itr: 169490
10444 training loss: 3556.394
10445 itr: 169500
10446 training loss: 4145.123
10447 itr: 169510
```

File - interv	al_pred10_goontrain
10448	training Loss: 2677.3713
10449	itr: 169520
10450	training loss: 6195.3936
10451	itr: 169530
10452	training loss: 5027.0327
10453	itr: 169540
10454	training loss: 3265.855
10455	itr: 169550
10456	training loss: 3050.5625
10457	itr: 169560
10458	training loss: 4228.0796
10459	itr: 169570
10460	training loss: 5688.04
10461	itr: 169580
10462	5
10463	itr: 169590
10464	5
10465	itr: 169600
10466	training loss: 2533.6072
10467	itr: 169610
10468	3 1
10469	itr: 169620
10470	training loss: 4932.383
10471	itr: 169630
10472	5
10473	itr: 169640
10474	training loss: 3448.7935
10475	itr: 169650
10476 10477	training loss: 2494.7668
10477	itr: 169660 training loss: 2212 2525
10476	training loss: 2212.3525 itr: 169670
10479	training loss: 1844.4165
10480	itr: 169680
10481	training loss: 3436.5146
10483	itr: 169690
10484	training loss: 5218.6484
10704	trailing 1033. 3210.0404

```
File - interval_pred10_goontrain
10485 itr: 169700
10486 training loss: 4621.2886
10487 itr: 169710
10488 training loss: 4455.9434
10489 itr: 169720
10490 training loss: 2900.871
10491 itr: 169730
10492 training loss: 4928.1978
10493 itr: 169740
10494 training loss: 6182.1064
10495 itr: 169750
10496 training loss: 2268.9438
10497 itr: 169760
10498 training loss: 2666.3323
10499 itr: 169770
10500 training loss: 3572.6814
10501 itr: 169780
10502 training loss: 4402.5527
10503 itr: 169790
10504 training loss: 1735.7096
10505 itr: 169800
10506 training loss: 2063.5317
10507 itr: 169810
10508 training loss: 3390.2058
10509 itr: 169820
10510 training loss: 2676.8037
10511 itr: 169830
10512 training loss: 6192.427
10513 itr: 169840
10514 training loss: 3704.2974
10515 itr: 169850
10516 training loss: 2579.8198
10517 itr: 169860
10518 training loss: 3424.0293
10519 itr: 169870
10520 training loss: 2891.144
10521 itr: 169880
```

```
File - interval_pred10_goontrain
10559 psnr per frame: 17.333124
10560 18.76002
10561 18. 171963
10562 17.849888
10563 17.599398
10564 17. 372671
10565 16.866987
10566 16.781406
10567 16.693226
10568 16.641476
10569 16.594187
10570 fmae per frame: 1836.4846
10571 1454. 0461
10572 1588. 956
10573 1699.7654
10574 1764.6206
10575 1844.0773
10576 1965. 2828
10577 1981.0314
10578 2002. 0933
10579 2019. 1068
10580 2045.8667
10581 ssim per frame: 0.7922549
10582 0.8231797
10583 0.8112334
10584 0.80330586
10585 0.79764515
10586 0.7927956
10587 0.7814952
10588 0.77989274
10589 0.77857816
10590 0.7770068
10591 0.7774167
10592 sharpness per frame: 254.92593
10593 254. 95833
10594 254. 9537
10595 255.0
```

```
File - interval_pred10_goontrain
10596 255.0
10597 255.0
10598 254. 94908
10599 254. 93518
10600 254.94444
10601 254.87962
10602 254.63889
10603 saved to checkpoints/radar_predrnn_pp
10604 itr: 170010
10605 training loss: 5168.575
10606 itr: 170020
10607 training loss: 5949.191
10608 itr: 170030
10609 training loss: 2095.2407
10610 itr: 170040
10611 training loss: 2638.7327
10612 itr: 170050
10613 training loss: 3416.8232
10614 itr: 170060
10615 training loss: 3229.183
10616 itr: 170070
10617 training loss: 4679.5513
10618 itr: 170080
10619 training loss: 6520.6045
10620 itr: 170090
10621 training loss: 5692.478
10622 itr: 170100
10623 training loss: 5253.8486
10624 itr: 170110
10625 training loss: 1152.2969
10626 itr: 170120
10627 training loss: 4718.0522
10628 itr: 170130
10629 training loss: 4754.004
10630 itr: 170140
10631 training loss: 2619.0576
10632 itr: 170150
```

```
File - interval_pred10_goontrain
10670 itr: 170340
10671 training loss: 3334.902
10672 itr: 170350
10673 training loss: 2498.8384
10674 itr: 170360
10675 training loss: 2111.9211
10676 itr: 170370
10677 training loss: 5413.812
10678 itr: 170380
10679 training loss: 1834.0432
10680 itr: 170390
10681 training loss: 3389.0012
10682 itr: 170400
10683 training loss: 3356.3662
10684 itr: 170410
10685 training loss: 3231.0894
10686 itr: 170420
10687 training loss: 3695.6235
10688 itr: 170430
10689 training loss: 3911.1445
10690 itr: 170440
10691 training loss: 2976.2754
10692 itr: 170450
10693 training loss: 3542.8303
10694 itr: 170460
10695 training loss: 3316.2983
10696 itr: 170470
10697 training loss: 3488.545
10698 itr: 170480
10699 training loss: 4900.9917
10700 itr: 170490
10701 training loss: 2935.9924
10702 itr: 170500
10703 training loss: 3196.5493
10704 itr: 170510
10705 training loss: 3180.4653
10706 itr: 170520
```

File - interv	al_pred10_goontrain
10707	training loss: 974.4022
10708	itr: 170530
10709	training Loss: 3482.5803
10710	itr: 170540
10711	training loss: 5592.0195
10712	itr: 170550
10713	training loss: 3736.4343
10714	itr: 170560
10715	training loss: 2664.8296
10716	itr: 170570
10717	training Loss: 5866.4194
10718	itr: 170580
10719	training loss: 1120.0542
10720	itr: 170590
10721	training loss: 2987.3064
10722	itr: 170600
10723	training loss: 3527.1152
10724	itr: 170610
10725	training loss: 4594.953
10726	itr: 170620
10727	training loss: 3783.1487
10728	itr: 170630
10729	training loss: 4954.24
10730	itr: 170640
10731	training loss: 2811.7112
10732	itr: 170650
10733	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10734	itr: 170660
10735 10736	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10736	itr: 170670
10737	training loss: 2531.5942 itr: 170680
10736	training loss: 5152.653
10739	itr: 170690
10740	training loss: 5451.143
10741	itr: 170700
10742	training loss: 1072.1368
10173	trurining 1055. 1072. 1500

```
File - interval_pred10_goontrain
10744 itr: 170710
10745 training loss: 3232.232
10746 itr: 170720
10747 training loss: 4147.737
10748 itr: 170730
10749 training loss: 3227.5442
10750 itr: 170740
10751 training loss: 4177.9746
10752 itr: 170750
10753 training loss: 2636.3047
10754 itr: 170760
10755 training loss: 2616.1528
10756 itr: 170770
10757 training loss: 2930.2341
10758 itr: 170780
10759 training loss: 4639.427
10760 itr: 170790
10761 training loss: 4406.7783
10762 itr: 170800
10763 training loss: 3342.8203
10764 itr: 170810
10765 training loss: 2851.6873
10766 itr: 170820
10767 training loss: 2520.9065
10768 itr: 170830
10769 training loss: 5343.969
10770 itr: 170840
10771 training loss: 2527.082
10772 itr: 170850
10773 training loss: 3597.9915
10774 itr: 170860
10775 training loss: 1871.4855
10776 itr: 170870
10777 training loss: 4936.634
10778 itr: 170880
10779 training loss: 3535.632
10780 itr: 170890
```

```
File - interval_pred10_goontrain
10818 itr: 171080
10819 training loss: 3969.6836
10820 itr: 171090
10821 training loss: 2450.488
10822 itr: 171100
10823 training loss: 3200.838
10824 itr: 171110
10825 training loss: 3594.166
10826 itr: 171120
10827 training loss: 5565.99
10828 itr: 171130
10829 training loss: 3867.44
10830 itr: 171140
10831 training loss: 4921.75
10832 itr: 171150
10833 training loss: 2978.8875
10834 itr: 171160
10835 training loss: 5192.1606
10836 itr: 171170
10837 training loss: 2035.3657
10838 itr: 171180
10839 training loss: 3798.8118
10840 itr: 171190
10841 training loss: 5922.316
10842 itr: 171200
10843 training loss: 2831.3613
10844 itr: 171210
10845 training loss: 3527.755
10846 itr: 171220
10847 training loss: 5826.674
10848 itr: 171230
10849 training loss: 1711.438
10850 itr: 171240
10851 training loss: 5728.2314
10852 itr: 171250
10853 training loss: 3971.2942
10854 itr: 171260
```

	al_pred10_goontrain
10855	training loss: 1473.0654
10856	itr: 171270
10857	training loss: 3659.5908
10858	itr: 171280
10859	training loss: 897.60986
10860	itr: 171290
10861	training loss: 5008.6787
10862	itr: 171300
10863	training loss: 4658.6494
10864	itr: 171310
10865	training loss: 4291.2515
10866	itr: 171320
10867	training loss: 3643.9417
10868	itr: 171330
10869	training loss: 3905.0596
10870	itr: 171340
10871	training loss: 5299.2036
10872	itr: 171350
10873	training loss: 4024.3735
10874	itr: 171360
10875	training loss: 4513.183
10876	itr: 171370
10877	training loss: 1824.4277
10878	itr: 171380
10879	training loss: 2902.9624
10880	itr: 171390
10881	training loss: 4349.9263
10882	itr: 171400
10883	training loss: 972.3291
10884	itr: 171410
10885	training loss: 4523.2485
10886	itr: 171420
10887	training lo <u>ss:</u> 3436.2815
10888	itr: 171430
10889	training loss: 1768.802
10890	itr: 171440

10891 training loss: 2240.7808

```
File - interval_pred10_goontrain
10892 itr: 171450
10893 training loss: 4923.493
10894 itr: 171460
10895 training loss: 5630.303
10896 itr: 171470
10897 training loss: 2959.8352
10898 itr: 171480
10899 training loss: 4371.183
10900 itr: 171490
10901 training loss: 3817.0354
10902 itr: 171500
10903 training loss: 1630.1672
10904 itr: 171510
10905 training loss: 5696.082
10906 itr: 171520
10907 training loss: 2283.313
10908 itr: 171530
10909 training loss: 4016.2537
10910 itr: 171540
10911 training loss: 3635.3655
10912 itr: 171550
10913 training loss: 3642.2473
10914 itr: 171560
10915 training loss: 5041.9346
10916 itr: 171570
10917 training loss: 1420.5117
10918 itr: 171580
10919 training loss: 2074.8823
10920 itr: 171590
10921 training loss: 6372.8755
10922 itr: 171600
10923 training loss: 4025.536
10924 itr: 171610
10925 training loss: 5471.356
10926 itr: 171620
10927 training loss: 5938.9395
10928 itr: 171630
```

File - inten	al_pred10_goontrain
10929	training loss: 3004.2515
10930	itr: 171640
10931	training loss: 4176.5894
10932	itr: 171650
10933	training Loss: 3207.1763
10934	itr: 171660
10935	training loss: 5697.3286
10936	itr: 171670
10937	training loss: 4961.924
10938	itr: 171680
10939	training loss: 3607.4412
10940	itr: 171690
10941	training loss: 5684.6523
10942	itr: 171700
10943	training loss: 3073.4692 itr: 171710
10944 10945	training loss: 3437.3528
10945	itr: 171720
10940	training loss: 3774.1453
10948	itr: 171730
10949	training loss: 5158.8037
10950	itr: 171740
10951	training loss: 4221.3506
10952	itr: 171750
10953	training loss: 3570.329
10954	itr: 171760
10955	training loss: 2804.6562
10956	itr: 171770
10957	training loss: 1908.1112
10958	itr: 171780
10959	training loss: 4074.5408
10960	itr: 171790
10961	training loss: 4107.126
10962	itr: 171800
10963	training loss: 4033.8914
10964	itr: 171810
10965	training loss: 5194.889

```
File - interval_pred10_goontrain
10966 itr: 171820
10967 training loss: 4481.1064
10968 itr: 171830
10969 training loss: 3296.3032
10970 itr: 171840
10971 training loss: 6278.176
10972 itr: 171850
10973 training loss: 4505.241
10974 itr: 171860
10975 training loss: 2420.3704
10976 itr: 171870
10977 training loss: 5723.3726
10978 itr: 171880
10979 training loss: 2395.193
10980 itr: 171890
10981 training loss: 3049.8477
10982 itr: 171900
10983 training loss: 4492.1235
10984 itr: 171910
10985 training loss: 5806.5435
10986 itr: 171920
10987 training loss: 3735.1282
10988 itr: 171930
10989 training loss: 2623.7468
10990 itr: 171940
10991 training loss: 2870.5054
10992 itr: 171950
10993 training loss: 2719.59
10994 itr: 171960
10995 training loss: 3710.107
10996 itr: 171970
10997 training loss: 6097.206
10998 itr: 171980
10999 training loss: 6413.0527
11000 itr: 171990
11001 training loss: 4396.37
11002 itr: 172000
```

```
File - interval_pred10_goontrain
11040 itr: 172190
11041 training loss: 5636.2617
11042 itr: 172200
11043 training loss: 1269.5541
11044 itr: 172210
11045 training loss: 3427.12
11046 itr: 172220
11047 training loss: 3508.5288
11048 itr: 172230
11049 training loss: 1469.6726
11050 itr: 172240
11051 training loss: 4230.9595
11052 itr: 172250
11053 training loss: 3151.9148
11054 itr: 172260
11055 training loss: 6047.927
11056 itr: 172270
11057 training loss: 1452.6235
11058 itr: 172280
11059 training loss: 4221.028
11060 itr: 172290
11061 training loss: 4393.266
11062 itr: 172300
11063 training loss: 4077.0627
11064 itr: 172310
11065 training loss: 5419.0146
11066 itr: 172320
11067 training loss: 5884.6987
11068 itr: 172330
11069 training loss: 3651.995
11070 itr: 172340
11071 training loss: 3600.1177
11072 itr: 172350
11073 training loss: 2059.9924
11074 itr: 172360
11075 training loss: 6332.323
11076 itr: 172370
```

11113 training loss: 4781.385

File - interv	al_pred10_goontrain
11114	itr: 172560
11115	training loss: 3424.319
11116	itr: 172570
11117	training loss: 2390.3958
11118	itr: 172580
11119	training loss: 3646.65
11120	itr: 172590
11121	training loss: 2584.2236
11122	itr: 172600
11123	training loss: 1981.3469
11124	itr: 172610
11125	training loss: 4289.8916
11126	itr: 172620
11127	training loss: 1487.6482
11128	itr: 172630
11129	training loss: 4445.1533
11130	itr: 172640
11131	training loss: 2000.0707
11132	itr: 172650
11133	training loss: 2175.0774
11134	itr: 172660
11135	training loss: 3505.1958
11136	itr: 172670
11137	training loss: 4487.5137
11138	
11139	training loss: 3145.1426
11140	itr: 172690
11141	training loss: 4041.6475
11142	itr: 172700
11143	training loss: 4139.702
11144	itr: 172710
11145	training loss: 3837.3118
11146	itr: 172720
11147	training loss: 4268.433
11148	itr: 172730
11149	training loss: 4826.896
11150	itr: 172740

File - interv	al_pred10_goontrain
11151	training loss: 3937.7822
11152	itr: 172750
11153	training loss: 4270.5547
11154	itr: 172760
11155	training loss: 2462.3557
11156	itr: 172770
11157	training loss: 1851.8567
11158	itr: 172780
11159	training loss: 4267.258
11160	itr: 172790
11161	training loss: 6977.7583
11162	itr: 172800
11163	training loss: 2595.3882
11164	itr: 172810
11165	training loss: 4644.855
11166	itr: 172820
11167	training loss: 4719.3022
11168	itr: 172830
11169	training loss: 3290.775
11170	itr: 172840
11171	training loss: 1352.5831
11172	itr: 172850
11173	training loss: 2996.2483
11174	itr: 172860
11175	training loss: 3273.604
11176	itr: 172870
11177	training loss: 2407.295
11178	itr: 172880
11179	training loss: 1116.446
11180	itr: 172890
11181	training loss: 4586.159
11182	itr: 172900
11183	training loss: 3914.4468
11184	itr: 172910
11185	training loss: 4248.1387
11186	itr: 172920
11187	training loss: 941.95624

```
File - interval_pred10_goontrain
11188 itr: 172930
11189 training loss: 4174.1025
11190 itr: 172940
11191 training loss: 3904.418
11192 itr: 172950
11193 training loss: 3341.0117
11194 itr: 172960
11195 training loss: 4159.3184
11196 itr: 172970
11197 training loss: 3217.058
11198 itr: 172980
11199 training loss: 4642.6797
11200 itr: 172990
11201 training loss: 5431.0527
11202 itr: 173000
11203 training loss: 6028.618
11204 itr: 173010
11205 training loss: 4381.752
11206 itr: 173020
11207 training loss: 4176.3633
11208 itr: 173030
11209 training loss: 3356.0767
11210 itr: 173040
11211 training loss: 2462.274
11212 itr: 173050
11213 training loss: 2097.4314
11214 itr: 173060
11215 training loss: 4396.4775
11216 itr: 173070
11217 training loss: 5161.416
11218 itr: 173080
11219 training loss: 3509.0645
11220 itr: 173090
11221 training loss: 2192.3242
11222 itr: 173100
11223 training loss: 2800.4888
11224 itr: 173110
```

```
File - interval_pred10_goontrain
11262 itr: 173300
11263 training loss: 1513.0112
11264 itr: 173310
11265 training loss: 1414.4553
11266 itr: 173320
11267 training loss: 4463.418
11268 itr: 173330
11269 training loss: 2685.004
11270 itr: 173340
11271 training loss: 3989.8494
11272 itr: 173350
11273 training loss: 3519.6753
11274 itr: 173360
11275 training loss: 5115.703
11276 itr: 173370
11277 training loss: 3881.1343
11278 itr: 173380
11279 training loss: 1575.1118
11280 itr: 173390
11281 training loss: 5755.5356
11282 itr: 173400
11283 training loss: 2852.9885
11284 itr: 173410
11285 training loss: 2035.335
11286 itr: 173420
11287 training loss: 3244.9985
11288 itr: 173430
11289 training loss: 2180.1738
11290 itr: 173440
11291 training loss: 3772.81
11292 itr: 173450
11293 training loss: 4180.506
11294 itr: 173460
11295 training loss: 2240.585
11296 itr: 173470
11297 training loss: 3939.799
11298 itr: 173480
```

File - interv	al_pred10_goontrain
11299	training loss: 2812.4578
11300	itr: 173490
11301	training loss: 3925.342
11302	itr: 173500
11303	training loss: 2804.967
11304	itr: 173510
11305	training loss: 1215.1956
11306	itr: 173520
11307	training loss: 2035.7393
11308	itr: 173530
11309	training loss: 3136.2153
11310	itr: 173540
11311	training loss: 3382.0486
11312	itr: 173550
11313	training loss: 2671.1624
11314	itr: 173560
11315	training loss: 4149.2896
11316	itr: 173570
11317	training loss: 2602.026
11318	itr: 173580
11319	training loss: 4519.5806
11320	itr: 173590
11321	training loss: 1958.4752
11322	itr: 173600
11323	training loss: 2913.833
11324	itr: 173610
11325	training loss: 2108.4397
11326	itr: 173620
11327	training loss: 6226.699
11328	itr: 173630
11329	training loss: 3448.9731
11330	itr: 173640
11331	training Loss: 2683.362
11332	itr: 173650
11333	training loss: 4106.56
11334	itr: 173660
11335	training loss: 2290.0413

```
File - interval_pred10_goontrain
11336 itr: 173670
11337 training loss: 4785.9414
11338 itr: 173680
11339 training loss: 2912.8025
11340 itr: 173690
11341 training loss: 3305.61
11342 itr: 173700
11343 training loss: 6114.475
11344 itr: 173710
11345 training loss: 3658.866
11346 itr: 173720
11347 training loss: 4938.0967
11348 itr: 173730
11349 training loss: 4093.3154
11350 itr: 173740
11351 training loss: 2780.3936
11352 itr: 173750
11353 training loss: 4746.8047
11354 itr: 173760
11355 training loss: 4532.32
11356 itr: 173770
11357 training loss: 4103.462
11358 itr: 173780
11359 training loss: 4326.8145
11360 itr: 173790
11361 training loss: 4383.1426
11362 itr: 173800
11363 training loss: 3767.7246
11364 itr: 173810
11365 training loss: 2634.552
11366 itr: 173820
11367 training loss: 2339.8645
11368 itr: 173830
11369 training loss: 5601.3164
11370 itr: 173840
11371 training loss: 5472.77
11372 itr: 173850
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File - interv	al_pred10_goontrain
11410	itr: 174040
11411	training loss: 3707.2153
11412	itr: 174050
11413	training loss: 3539.2834
11414	itr: 174060
11415	training loss: 4600.7085
11416	itr: 174070
11417	training loss: 4146.493
11418	itr: 174080
11419	training loss: 4568.3105
11420	itr: 174090
11421	training loss: 4247.856
11422	itr: 174100
11423	training loss: 3327.0698
11424	itr: 174110
11425	training loss: 2072.5918
11426	itr: 174120
11427	training loss: 3782.5078
11428	itr: 174130
11429	training loss: 3574.3486
11430	itr: 174140
11431	training loss: 5449.7397
11432	itr: 174150
11433	training loss: 5665.2944
11434	itr: 174160
11435	training loss: 5141.4746
11436	itr: 174170
11437	training loss: 3274.1736
11438	itr: 174180
11439	training loss: 1957.8955
11440	itr: 174190
11441	training loss: 2273.1755
11442	itr: 174200
11443	J
11444	
11445	J
11446	itr: 174220

11447 training loss: 2268.4229 11448 itr: 174230 11449 training loss: 3339.4988 11450 itr: 174240 11451 training loss: 4256.8384 11452 itr: 174250 11453 training loss: 2033.6606 11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174360 11473 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 5496.049	File - interv	al_pred10_goontrain
11449 training loss: 3339.4988 11450 itr: 174240 11451 training loss: 4256.8384 11452 itr: 174250 11453 training loss: 2033.6606 11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 1744400	11447	training loss: 2268.4229
11450 itr: 174240 11451 training loss: 4256.8384 11452 itr: 174250 11453 training loss: 2033.6606 11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 1744400	11448	itr: 174230
11451 training loss: 4256.8384 11452 itr: 174250 11453 training loss: 2033.6606 11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11449	training loss: 3339.4988
11452 itr: 174250 11453 training loss: 2033.6606 11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11450	itr: 174240
11453 training loss: 2033.6606 11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11451	training loss: 4256.8384
11454 itr: 174260 11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11452	itr: 174250
11455 training loss: 7088.6836 11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11453	training loss: 2033.6606
11456 itr: 174270 11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11454	itr: 174260
11457 training loss: 2811.9756 11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11455	training loss: 7088.6836
11458 itr: 174280 11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400	11456	
11459 training loss: 4108.966 11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11460 itr: 174290 11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11461 training loss: 3119.0056 11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11462 itr: 174300 11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11463 training loss: 3804.8965 11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11464 itr: 174310 11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11465 training loss: 4856.27 11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11466 itr: 174320 11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11467 training loss: 2318.3174 11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11468 itr: 174330 11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11469 training loss: 4145.9976 11470 itr: 174340 11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11470 itr: 174340  11471 training loss: 4252.1294  11472 itr: 174350  11473 training loss: 1919.5676  11474 itr: 174360  11475 training loss: 2504.1746  11476 itr: 174370  11477 training loss: 2395.8806  11478 itr: 174380  11479 training loss: 4358.122  11480 itr: 174390  11481 training loss: 4421.3936  11482 itr: 174400		
11471 training loss: 4252.1294 11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11472 itr: 174350 11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11473 training loss: 1919.5676 11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11474 itr: 174360 11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11475 training loss: 2504.1746 11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		•
11476 itr: 174370 11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11477 training loss: 2395.8806 11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11478 itr: 174380 11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11479 training loss: 4358.122 11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11480 itr: 174390 11481 training loss: 4421.3936 11482 itr: 174400		
11481 training loss: 4421.3936 11482 itr: 174400		•
11482 itr: 174400		
11483 training loss: 5496.049	11482	ŭ
	11483	training loss: 5496.049

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File - interval_pred10_goontrain
11484 itr: 174410
11485 training loss: 746.8249
11486 itr: 174420
11487 training loss: 4190.337
11488 itr: 174430
11489 training loss: 3251.249
11490 itr: 174440
11491 training loss: 4231.718
11492 itr: 174450
11493 training loss: 2593.489
11494 itr: 174460
11495 training loss: 4211.624
11496 itr: 174470
11497 training loss: 6310.2993
11498 itr: 174480
11499 training loss: 3900.1638
11500 itr: 174490
11501 training loss: 4498.0337
11502 itr: 174500
11503 training loss: 4179.985
11504 itr: 174510
11505 training loss: 4840.959
11506 itr: 174520
11507 training loss: 5136.4775
11508 itr: 174530
11509 training loss: 4088.955
11510 itr: 174540
11511 training loss: 4514.2075
11512 itr: 174550
11513 training loss: 1950.2195
11514 itr: 174560
11515 training loss: 3276.2937
11516 itr: 174570
11517 training loss: 5150.5356
11518 itr: 174580
11519 training loss: 2974.6082
11520 itr: 174590
```

File - interv	al_pred10_goontrain
11521	training loss: 2053.7578
11522	itr: 174600
11523	training loss: 3445.9507
11524	itr: 174610
11525	training Loss: 3069.5715
11526	itr: 174620
11527	training loss: 1750.4923
11528	itr: 174630
11529	training loss: 4605.2725
11530	itr: 174640
11531	training loss: 3889.447
11532	itr: 174650
11533	training loss: 3479.5872
11534	itr: 174660
11535	training loss: 4465.893
11536	itr: 174670
11537	training loss: 5163.389
11538	itr: 174680
11539	training loss: 3244.1555
11540	itr: 174690
11541	training loss: 3926.9087
11542	itr: 174700
11543	training loss: 5223.3345
11544	itr: 174710
	training loss: 3903.373
11546	itr: 174720
11547	training loss: 3452.298
11548	itr: 174730
11549	training loss: 3620.4875
11550	itr: 174740
11551	training loss: 2914.7412
11552	itr: 174750
11553	training loss: 4032.9067
11554	itr: 174760
	training loss: 2229.6755
11556	itr: 174770
11557	training loss: 4475.776

File - interv	al_pred10_goontrain
11558	itr: 174780
11559	training loss: 4630.872
11560	itr: 174790
11561	training loss: 3461.9624
11562	itr: 174800
11563	training loss: 3575.5798
11564	itr: 174810
11565	training loss: 5241.286
11566	itr: 174820
11567	training loss: 3464.4968
11568	itr: 174830
11569	training loss: 2332.2292
11570	itr: 174840
11571	training loss: 2222.1414
11572	itr: 174850
11573	training loss: 4088.645
11574	itr: 174860
11575	training loss: 2886.5298
11576	itr: 174870
11577	training loss: 2531.8494
11578	itr: 174880
11579	training loss: 2179.1467
11580	itr: 174890
11581	training loss: 4425.1533
11582	itr: 174900
11583	5
11584	itr: 174910
11585	training loss: 4092.281
11586	itr: 174920
11587	training loss: 3591.5388
11588	itr: 174930
11589	training loss: 2311.3047
11590	itr: 174940
11591	training loss: 1446.7412
11592	itr: 174950
11593	training loss: 3513.0674
11594	itr: 174960

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File - interval_pred10_goontrain
11595 training loss: 3585.5315
11596 itr: 174970
11597 training loss: 4568.193
11598 itr: 174980
11599 training loss: 4062.2935
11600 itr: 174990
11601 training loss: 4196.572
11602 itr: 175000
11603 training loss: 4944.293
11604 test...
11605 mse per seq: 8776.56011002152
11606 604.6920383594654
11607 691.0475599500868
11608 759. 5036830195675
11609 799. 1053507769549
11610 862. 2443539654768
11611 971.8028238084581
11612 985. 8238141095197
11613 1005. 4716248688875
11614 1029. 5053007337783
11615 1067. 3635604293258
11616 psnr per frame: 17.408384
11617 18. 778511
11618 18. 226212
11619 17. 913157
11620 17. 701597
11621 17. 467941
11622 16. 927898
11623 16.856325
11624 16. 786314
11625 16. 74063
11626 16.685263
11627 fmae per frame: 1812.0902
11628 1458.4802
11629 1585.7046
11630 1690. 1384
11631 1740. 4188
```

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File - interval_pred10_goontrain
11632 1812. 9943
11633 1937. 5409
11634 1951.85
11635 1963.8904
11636 1975. 7073
11637 2004. 1787
11638 ssim per frame: 0.79639673
11639 0.82587016
11640 0.8140368
11641 0.80661446
11642 0.8016701
11643 0.79704887
11644 0. 7857227
11645 0.78433955
11646 0.78363013
11647 0.7823044
11648 0.78273046
11649 sharpness per frame: 254.9639
11650 255.0
11651 255.0
11652 255.0
11653 255.0
11654 255.0
11655 254. 99538
11656 254.875
11657 255.0
11658 255.0
11659 254. 76852
11660 saved to checkpoints/radar_predrnn_pp
11661 itr: 175010
11662 training loss: 2924.919
11663 itr: 175020
11664 training loss: 3942.023
11665 itr: 175030
11666 training loss: 5692.6
11667 itr: 175040
11668 training loss: 2673.0352
```

```
File - interval_pred10_goontrain
11669 itr: 175050
11670 training loss: 4308.253
11671 itr: 175060
11672 training loss: 3419.8303
11673 itr: 175070
11674 training loss: 4766.898
11675 itr: 175080
11676 training loss: 4770.525
11677 itr: 175090
11678 training loss: 5157.4985
11679 itr: 175100
11680 training loss: 2737.8328
11681 itr: 175110
11682 training loss: 3336.0334
11683 itr: 175120
11684 training loss: 1960.2024
11685 itr: 175130
11686 training loss: 3820.6216
11687 itr: 175140
11688 training loss: 3266.2815
11689 itr: 175150
11690 training loss: 2424.294
11691 itr: 175160
11692 training loss: 3047.8413
11693 itr: 175170
11694 training loss: 4127.954
11695 itr: 175180
11696 training loss: 2124.17
11697 itr: 175190
11698 training loss: 4330.2505
11699 itr: 175200
11700 training loss: 5144.254
11701 itr: 175210
11702 training loss: 2896.0645
11703 itr: 175220
11704 training loss: 4794.6157
11705 itr: 175230
```

```
File - interval_pred10_goontrain
11743 itr: 175420
11744 training loss: 2492.2805
11745 itr: 175430
11746 training loss: 2851.2634
11747 itr: 175440
11748 training loss: 2192.8586
11749 itr: 175450
11750 training loss: 3057.2554
11751 itr: 175460
11752 training loss: 4359.3843
11753 itr: 175470
11754 training loss: 3559.6821
11755 itr: 175480
11756 training loss: 5406.3066
11757 itr: 175490
11758 training loss: 3994.6558
11759 itr: 175500
11760 training loss: 5726.5083
11761 itr: 175510
11762 training loss: 4846.6426
11763 itr: 175520
11764 training loss: 3478.8625
11765 itr: 175530
11766 training loss: 3403.913
11767 itr: 175540
11768 training loss: 2864.9412
11769 itr: 175550
11770 training loss: 2977.6821
11771 itr: 175560
11772 training loss: 6859.9053
11773 itr: 175570
11774 training loss: 5189.874
11775 itr: 175580
11776 training loss: 5773.879
11777 itr: 175590
11778 training loss: 2824.512
11779 itr: 175600
```

File - interv	al_pred10_goontrain
11817	itr: 175790
11818	training loss: 3495.141
11819	itr: 175800
11820	training loss: 2829.272
11821	itr: 175810
11822	training loss: 3529.6921
11823	itr: 175820
11824	training loss: 3118.953
11825	itr: 175830
11826	training loss: 5024.5176
11827	itr: 175840
11828	training loss: 3535.195
11829	itr: 175850
11830	training loss: 2084.6948
11831	itr: 175860
11832	training loss: 2304.532
11833	itr: 175870
11834	training loss: 4996.0176
11835	itr: 175880
11836	training loss: 3072.0642
11837	itr: 175890
11838	training loss: 3516.417
11839	itr: 175900
11840	training loss: 4819.0356
11841	itr: 175910
	training loss: 4903.808
11843	itr: 175920
11844	training loss: 5911.1016
11845	itr: 175930
11846	training loss: 4232.1797
11847	itr: 175940
11848	training loss: 5542.9683
11849	itr: 175950
11850	training loss: 2749.877
11851	itr: 175960
11852	training loss: 4847.97
11853	itr: 175970

File - interv	al_pred10_goontrain
11854	training loss: 5371.3774
11855	itr: 175980
11856	training loss: 1562.0149
11857	itr: 175990
11858	training loss: 3699.1104
11859	itr: 176000
11860	training loss: 2875.9546
11861	itr: 176010
11862	training loss: 2423.7527
11863	itr: 176020
11864	training loss: 2427.4746
11865	itr: 176030
11866	training loss: 5938.7256
11867	itr: 176040
11868	training loss: 2867.955
11869	itr: 176050
11870	training loss: 3233.8623
11871	itr: 176060
11872	training loss: 3597.4282
11873	itr: 176070
11874	training loss: 4263.382
11875	itr: 176080
11876	training loss: 3956.5095
11877	itr: 176090
11878	training loss: 4202.961
11879	itr: 176100
11880	training loss: 3934.1538
11881	itr: 176110
11882	training loss: 4295.527
11883 11884	itr: 176120
11885	training loss: 5569.172
11885	itr: 176130 training loss: 2262.1118
11887	training loss: 2262.1118 itr: 176140
11887	
11889	training loss: 4398.824 itr: 176150
11890	
11070	training loss: 3606.4724

```
File - interval_pred10_goontrain
11891 itr: 176160
11892 training loss: 1638.9418
11893 itr: 176170
11894 training loss: 4007.014
11895 itr: 176180
11896 training loss: 1490.2014
11897 itr: 176190
11898 training loss: 2986.9075
11899 itr: 176200
11900 training loss: 4250.3164
11901 itr: 176210
11902 training loss: 630.8013
11903 itr: 176220
11904 training loss: 2018.9807
11905 itr: 176230
11906 training loss: 5478.3936
11907 itr: 176240
11908 training loss: 1929.7888
11909 itr: 176250
11910 training loss: 6016.9243
11911 itr: 176260
11912 training loss: 3708.1396
11913 itr: 176270
11914 training loss: 5185.2
11915 itr: 176280
11916 training loss: 2623.6633
11917 itr: 176290
11918 training loss: 4777.64
11919 itr: 176300
11920 training loss: 4746.675
11921 itr: 176310
11922 training loss: 6093.6953
11923 itr: 176320
11924 training loss: 3313.5906
11925 itr: 176330
11926 training loss: 2501.852
11927 itr: 176340
```

File - interval_pred10_goontrain	
11928	training loss: 4121.69
11929	itr: 176350
11930	training loss: 3016.5276
11931	itr: 176360
11932	training loss: 3851.0632
11933	itr: 176370
11934	training loss: 2387.6328
11935	itr: 176380
11936	training loss: 2115.916
11937	itr: 176390
11938	training loss: 2908.732
11939	itr: 176400
11940	training loss: 2631.0073
11941	itr: 176410
11942	training loss: 3460.8096
11943	itr: 176420
11944	training loss: 6443.7695
11945	itr: 176430
11946	training loss: 4360.1123
11947	itr: 176440
11948	training loss: 2864.577
11949	itr: 176450
11950	training loss: 3871.3464
11951	itr: 176460
11952	training loss: 6870.7188
11953	itr: 176470
11954	training loss: 3029.2573
11955	itr: 176480
11956	training loss: 5113.5083
11957	itr: 176490
11958	training loss: 1698.039
11959	itr: 176500
11960	training loss: 2077.6536
11961	itr: 176510
11962	training loss: 3599.3137
11963	itr: 176520
11964	training loss: 2627.0898

```
File - interval_pred10_goontrain
11965 itr: 176530
11966 training loss: 2924.046
11967 itr: 176540
11968 training loss: 5354.5938
11969 itr: 176550
11970 training loss: 3967.5745
11971 itr: 176560
11972 training loss: 4457.943
11973 itr: 176570
11974 training loss: 2854.9956
11975 itr: 176580
11976 training loss: 5352.2476
11977 itr: 176590
11978 training loss: 3835.0405
11979 itr: 176600
11980 training loss: 4662.6777
11981 itr: 176610
11982 training loss: 2828.8613
11983 itr: 176620
11984 training loss: 1444.8561
11985 itr: 176630
11986 training loss: 3440.2861
11987 itr: 176640
11988 training loss: 2619.0767
11989 itr: 176650
11990 training loss: 2387.8057
11991 itr: 176660
11992 training loss: 2860.0483
11993 itr: 176670
11994 training loss: 3307.9197
11995 itr: 176680
11996 training loss: 3022.2268
11997 itr: 176690
11998 training loss: 3322.8604
11999 itr: 176700
12000 training loss: 3262.358
12001 itr: 176710
```

File - interv	al_pred10_goontrain
12002	training loss: 4045.322
12003	itr: 176720
12004	training loss: 4513.076
12005	itr: 176730
12006	training loss: 3760.1125
12007	itr: 176740
12008	training loss: 3250.213
12009	itr: 176750
12010	training loss: 4561.4766
12011	itr: 176760
12012	training loss: 5993.0137
12013	itr: 176770
12014	training loss: 2181.9226
12015	itr: 176780
12016	training loss: 7578.875
12017	itr: 176790
12018	training loss: 3113.6057
12019	itr: 176800
12020	training loss: 4975.4434
12021	itr: 176810
12022	training loss: 3388.8376
12023	itr: 176820
12024	training loss: 2723.5344
12025	itr: 176830
12026	training loss: 2119.5083
12027	itr: 176840
12028	5
12029	itr: 176850
12030	training loss: 5991.707
12031	itr: 176860
12032	training loss: 4384.4673
12033	itr: 176870
12034	training loss: 3880.7393
12035	itr: 176880
12036	training loss: 2658.3755
12037	itr: 176890
12038	training loss: 2866.9048

```
File - interval_pred10_goontrain
12039 itr: 176900
12040 training loss: 3843.391
12041 itr: 176910
12042 training loss: 2710.8032
12043 itr: 176920
12044 training loss: 4374.2173
12045 itr: 176930
12046 training loss: 3459.6707
12047 itr: 176940
12048 training loss: 4354.829
12049 itr: 176950
12050 training loss: 4309.313
12051 itr: 176960
12052 training loss: 4833.0913
12053 itr: 176970
12054 training loss: 4736.024
12055 itr: 176980
12056 training loss: 4251.7344
12057 itr: 176990
12058 training loss: 2592.7659
12059 itr: 177000
12060 training loss: 3466.6658
12061 itr: 177010
12062 training loss: 4488.2964
12063 itr: 177020
12064 training loss: 3485.6755
12065 itr: 177030
12066 training loss: 4245.8896
12067 itr: 177040
12068 training loss: 2200.8066
12069 itr: 177050
12070 training loss: 5364.488
12071 itr: 177060
12072 training loss: 1752.9468
12073 itr: 177070
12074 training loss: 7087.858
12075 itr: 177080
```

12112 training loss: 3418.768

```
File - interval_pred10_goontrain
12113 itr: 177270
12114 training loss: 5621.318
12115 itr: 177280
12116 training loss: 1093.6619
12117 itr: 177290
12118 training loss: 4805.219
12119 itr: 177300
12120 training loss: 2988.9424
12121 itr: 177310
12122 training loss: 6296.528
12123 itr: 177320
12124 training loss: 5614.429
12125 itr: 177330
12126 training loss: 5425.8394
12127 itr: 177340
12128 training loss: 2445.8115
12129 itr: 177350
12130 training loss: 4741.3936
12131 itr: 177360
12132 training loss: 3067.579
12133 itr: 177370
12134 training loss: 5462.8516
12135 itr: 177380
12136 training loss: 758.58936
12137 itr: 177390
12138 training loss: 6224.121
12139 itr: 177400
12140 training loss: 2766.1611
12141 itr: 177410
12142 training loss: 3733.8494
12143 itr: 177420
12144 training loss: 3318.9314
12145 itr: 177430
12146 training loss: 2747.839
12147 itr: 177440
12148 training loss: 2583.0159
12149 itr: 177450
```

File - interv	al_pred10_goontrain
12150	training loss: 3709.9468
12151	itr: 177460
12152	training loss: 4375.66
12153	itr: 177470
12154	training loss: 2006.5701
12155	itr: 177480
12156	training loss: 5140.0166
12157	itr: 177490
12158	training loss: 3202.6868
12159	itr: 177500
12160	training loss: 4576.9927
12161	itr: 177510
12162	training loss: 2490.416
12163	itr: 177520
12164	training loss: 6043.557
12165	itr: 177530
12166	training loss: 2496.8416
12167	itr: 177540
12168	training loss: 3269.4722
12169	itr: 177550
12170	training loss: 7068.069
12171	itr: 177560
12172	training loss: 4932.5513
12173	itr: 177570
12174	training loss: 3083.051
12175	itr: 177580
12176	training loss: 4396.2085
12177	itr: 177590
12178	training loss: 3060.3652
12179	itr: 177600
12180	training loss: 3453.4805
12181	itr: 177610
12182	training loss: 3103.437
12183	itr: 177620
12184	training loss: 3093.8303
12185	itr: 177630
12186	training loss: 1929.7296

```
File - interval_pred10_goontrain
12187 itr: 177640
12188 training loss: 4273.5327
12189 itr: 177650
12190 training loss: 2364.2148
12191 itr: 177660
12192 training loss: 2450.1072
12193 itr: 177670
12194 training loss: 5085.353
12195 itr: 177680
12196 training loss: 5377.5293
12197 itr: 177690
12198 training loss: 4941.4463
12199 itr: 177700
12200 training loss: 3493.545
12201 itr: 177710
12202 training loss: 2648.6304
12203 itr: 177720
12204 training loss: 4273.4585
12205 itr: 177730
12206 training loss: 1978.7058
12207 itr: 177740
12208 training loss: 5420.898
12209 itr: 177750
12210 training loss: 2019.9503
12211 itr: 177760
12212 training loss: 4436.915
12213 itr: 177770
12214 training loss: 4603.8657
12215 itr: 177780
12216 training loss: 3215.6672
12217 itr: 177790
12218 training loss: 3986.6035
12219 itr: 177800
12220 training loss: 2314.1904
12221 itr: 177810
12222 training loss: 4690.0703
12223 itr: 177820
```

File - interv	al_pred10_goontrain
12224	training loss: 5225.82
12225	itr: 177830
12226	training loss: 2822.1807
12227	itr: 177840
12228	training loss: 4054.827
12229	itr: 177850
12230	training loss: 2053.8064
12231	itr: 177860
12232	training loss: 4492.3423
12233	itr: 177870
12234	training loss: 5729.516
12235	itr: 177880
12236	training loss: 1703.5957
12237	itr: 177890
12238	training loss: 6408.0347
12239	itr: 177900
12240	training loss: 1872.7787
12241	itr: 177910
12242	training loss: 2447.5034
12243	itr: 177920
12244	training loss: 4256.967
12245	itr: 177930
12246	training loss: 1889.1864
12247	itr: 177940
	training loss: 2280.1143
12249	itr: 177950
12250	training loss: 2444.3445
12251	itr: 177960
12252	J
12253	itr: 177970
12254	training loss: 3520.2192
12255	itr: 177980
12256	training loss: 4737.5576
12257	itr: 177990
	training loss: 4890.249
12259	itr: 178000
12260	training loss: 2772.6284

```
File - interval_pred10_goontrain
12261 itr: 178010
12262 training loss: 3245.5435
12263 itr: 178020
12264 training loss: 2059.4744
12265 itr: 178030
12266 training loss: 5404.813
12267 itr: 178040
12268 training loss: 3796.9595
12269 itr: 178050
12270 training loss: 4666.664
12271 itr: 178060
12272 training loss: 2924.5474
12273 itr: 178070
12274 training loss: 3451.745
12275 itr: 178080
12276 training loss: 4136.4126
12277 itr: 178090
12278 training loss: 1981.3691
12279 itr: 178100
12280 training loss: 4324.083
12281 itr: 178110
12282 training loss: 4309.206
12283 itr: 178120
12284 training loss: 5325.1196
12285 itr: 178130
12286 training loss: 4486.4243
12287 itr: 178140
12288 training loss: 3812.69
12289 itr: 178150
12290 training loss: 4979.4014
12291 itr: 178160
12292 training loss: 2918.6953
12293 itr: 178170
12294 training loss: 5627.334
12295 itr: 178180
12296 training loss: 3730.871
12297 itr: 178190
```

File - interv	al_pred10_goontrain
12298	training loss: 3030.7192
12299	itr: 178200
12300	training loss: 3480.2212
12301	itr: 178210
12302	training loss: 3868.9639
12303	itr: 178220
12304	training loss: 2305.8223
12305	itr: 178230
12306	training loss: 3782.1296
12307	itr: 178240
12308	training loss: 4975.22
12309	itr: 178250
12310	training loss: 2416.7754
12311	itr: 178260
12312	training loss: 4991.4272
12313	itr: 178270
12314	training loss: 1508.2491
12315	itr: 178280
12316	training loss: 5117.8843
12317	itr: 178290
12318	training loss: 4548.9014
12319	itr: 178300
12320	training loss: 2735.5645
12321	itr: 178310
12322	5
12323	
12324	3 · · · · · · · · · · · · · · · · · · ·
12325	
12326	J
12327	itr: 178340
12328	training loss: 1046.2256
12329	itr: 178350
12330	training loss: 2896.345
12331	itr: 178360
12332	training loss: 3161.1501
12333	itr: 178370
12334	training loss: 1945.4744

```
File - interval_pred10_goontrain
12335 itr: 178380
12336 training loss: 1863.9508
12337 itr: 178390
12338 training loss: 5202.9473
12339 itr: 178400
12340 training loss: 5041.6953
12341 itr: 178410
12342 training loss: 4674.883
12343 itr: 178420
12344 training loss: 4139.942
12345 itr: 178430
12346 training loss: 4146.2217
12347 itr: 178440
12348 training loss: 1234.4448
12349 itr: 178450
12350 training loss: 4703.662
12351 itr: 178460
12352 training loss: 2425.529
12353 itr: 178470
12354 training loss: 3750.0933
12355 itr: 178480
12356 training loss: 3950.6719
12357 itr: 178490
12358 training loss: 2719.4365
12359 itr: 178500
12360 training loss: 1707.8145
12361 itr: 178510
12362 training loss: 4293.158
12363 itr: 178520
12364 training loss: 2419.3696
12365 itr: 178530
12366 training loss: 4638.6133
12367 itr: 178540
12368 training loss: 4392.59
12369 itr: 178550
12370 training loss: 2471.2458
12371 itr: 178560
```

File - interva	al_pred10_goontrain
12372	training loss: 4976.888
12373	itr: 178570
12374	training loss: 6188.345
12375	itr: 178580
12376	training loss: 3558.5322
12377	itr: 178590
12378	training loss: 3279.0918
12379	itr: 178600
12380	training loss: 4604.028
12381	itr: 178610
12382	training loss: 3640.5583
12383	itr: 178620
12384	training loss: 2599.8892
12385	itr: 178630
12386	training loss: 1244.2755
12387	itr: 178640
12388	training loss: 3401.3022
12389	itr: 178650
12390	training loss: 5778.952
12391	itr: 178660
12392	training loss: 5584.843
12393	itr: 178670
12394	training loss: 3523.3374
12395	itr: 178680
12396	training loss: 5080.5337
12397	itr: 178690
12398	training loss: 1785.7692
12399	itr: 178700
	training loss: 3460.8018
12401	itr: 178710
12402	training loss: 1951.5157
12403	itr: 178720
12404	training loss: 3969.605
12405	itr: 178730
12406	training loss: 2980.0278
12407	itr: 178740
12408	training loss: 4041.018

File - interv	ral_pred10_goontrain
12409	itr: 178750
12410	training loss: 5811.625
12411	itr: 178760
12412	training loss: 3466.504
12413	itr: 178770
12414	training loss: 5934.018
12415	itr: 178780
12416	training loss: 1727.529
12417	itr: 178790
12418	training loss: 1337.5623
12419	itr: 178800
12420	training loss: 1374.9309
12421	itr: 178810
12422	training loss: 5837.688
12423	itr: 178820
12424	training loss: 4347.714
12425	itr: 178830
12426	training loss: 3622.586
12427	itr: 178840
12428	training loss: 5601.282
12429	itr: 178850
12430	training loss: 2646.704
12431	itr: 178860
12432	J
12433	itr: 178870
12434	training loss: 2487.262
12435	itr: 178880
12436	training loss: 2475.3987
12437	itr: 178890
12438	training loss: 4074.17
12439	itr: 178900
12440	J
12441	itr: 178910
12442	J
12443	
12444	training loss: 5366.5776
12445	itr: 178930

12482 training loss: 4681.1475

```
File - interval_pred10_goontrain
12483 itr: 179120
12484 training loss: 5874.6074
12485 itr: 179130
12486 training loss: 1980.7805
12487 itr: 179140
12488 training loss: 5539.9346
12489 itr: 179150
12490 training loss: 6329.0713
12491 itr: 179160
12492 training loss: 4330.625
12493 itr: 179170
12494 training loss: 968.1997
12495 itr: 179180
12496 training loss: 4954.152
12497 itr: 179190
12498 training loss: 4806.7783
12499 itr: 179200
12500 training loss: 792.4755
12501 itr: 179210
12502 training loss: 4126.9585
12503 itr: 179220
12504 training loss: 3601.7666
12505 itr: 179230
12506 training loss: 3298.3481
12507 itr: 179240
12508 training loss: 4476.27
12509 itr: 179250
12510 training loss: 988.733
12511 itr: 179260
12512 training loss: 4237.079
12513 itr: 179270
12514 training loss: 5347.1875
12515 itr: 179280
12516 training loss: 5075.714
12517 itr: 179290
12518 training loss: 4647.4863
12519 itr: 179300
```

File - interv	al_pred10_goontrain
12520	training loss: 5196.985
12521	itr: 179310
12522	training Loss: 3582.564
12523	itr: 179320
12524	training Loss: 1752.7345
12525	itr: 179330
12526	training loss: 2942.9744
12527	itr: 179340
12528	training loss: 1465.5457
12529	itr: 179350
12530	training loss: 930.29266
12531	itr: 179360
12532	5
12533	itr: 179370
12534	5
12535	itr: 179380
12536	training loss: 2829.5667
12537	itr: 179390
12538	training loss: 3301.583
12539	itr: 179400
12540	training loss: 4855.457
12541	itr: 179410
12542	training loss: 3934.316
12543	itr: 179420
	training loss: 6116.4644
12545	
12546	J
12547	
12548	5
12549	itr: 179450
12550	training loss: 2078.5278
12551	itr: 179460
12552	J
12553	
	training loss: 2926.7073
	itr: 179480
12556	training loss: 1899.7085

File - interv	al_pred10_goontrain
12557	itr: 179490
12558	training loss: 4138.548
12559	itr: 179500
12560	training loss: 4789.856
12561	itr: 179510
12562	training loss: 2542.7114
12563	itr: 179520
12564	training loss: 3208.9702
12565	itr: 179530
12566	training loss: 4576.304
12567	itr: 179540
12568	training loss: 776.43774
12569	itr: 179550
12570	training loss: 5214.8154
12571	itr: 179560
12572	training loss: 4056.418
12573	itr: 179570
12574	training loss: 3526.4
12575	itr: 179580
12576	training loss: 4105.0635
12577	itr: 179590
12578	training loss: 5570.2686
12579	itr: 179600
12580	training loss: 2774.6433
	itr: 179610
	training loss: 3589.2417
12583	itr: 179620
	training loss: 5510.5044
12585	itr: 179630
	training loss: 2114.5415
12587	itr: 179640
12588	training loss: 5116.151
12589	itr: 179650
12590	training loss: 2710.098
12591	itr: 179660
12592	training loss: 3698.5278
12593	itr: 179670

File - interv	ral_pred10_goontrain
12594	training loss: 4621.5605
12595	itr: 179680
12596	training loss: 5577.0376
12597	itr: 179690
12598	training loss: 3982.944
12599	itr: 179700
12600	training loss: 2681.311
12601	itr: 179710
12602	training loss: 2367.022
12603	itr: 179720
12604	training loss: 3830.1562
12605	itr: 179730
12606	training loss: 1762.8309
12607	itr: 179740
12608	training loss: 2887.5964
12609	itr: 179750
12610	training loss: 4386.7207
12611	itr: 179760
12612	training loss: 2711.2031
12613	itr: 179770
12614	training loss: 4900.578
12615	itr: 179780
12616	training loss: 1194.4187
12617	itr: 179790
12618	training loss: 3842.972
12619	itr: 179800
12620	training loss: 2300.2527
12621	itr: 179810
12622	training loss: 2156.6453
12623	itr: 179820
12624	training loss: 5249.0527
12625	itr: 179830
12626	training loss: 6485.8696
12627	itr: 179840
12628	training loss: 3721.7578
12629	itr: 179850
12630	training loss: 3017.5654

```
File - interval_pred10_goontrain
12631 itr: 179860
12632 training loss: 4723.915
12633 itr: 179870
12634 training loss: 4220.283
12635 itr: 179880
12636 training loss: 2706.6523
12637 itr: 179890
12638 training loss: 3231.4841
12639 itr: 179900
12640 training loss: 2812.1777
12641 itr: 179910
12642 training loss: 1983.4105
12643 itr: 179920
12644 training loss: 2606.4033
12645 itr: 179930
12646 training loss: 5706.744
12647 itr: 179940
12648 training loss: 3450.402
12649 itr: 179950
12650 training loss: 4075.3762
12651 itr: 179960
12652 training loss: 1707.2156
12653 itr: 179970
12654 training loss: 3314.5652
12655 itr: 179980
12656 training loss: 2490.6829
12657 itr: 179990
12658 training loss: 3705.3809
12659 itr: 180000
12660 training loss: 3518.867
12661 test...
12662 mse per seg: 9751.23571282846
12663 611. 890542348226
12664 714. 1969353004738
12665 819.6453115675184
12666 890. 8521865562157
12667 978. 3370317529749
```

```
File - interval_pred10_goontrain
12668 1085. 8355630945277
12669 1117. 9850608684399
12670 1148. 1783266420719
12671 1174. 2501773127804
12672 1210. 0645773852314
12673 psnr per frame: 17.168854
12674 18.742458
12675 18.140078
12676 17. 73887
12677 17. 454699
12678 17. 166374
12679 16.651333
12680 16.566425
12681 16.463486
12682 16.415684
12683 16. 349123
12684 fmae per frame: 1994.8535
12685 1548. 2975
12686 1682. 3209
12687 1819.0654
12688 1907.0532
12689 2009.5304
12690 2136.8337
12691 2172.916
12692 2201.3042
12693 2221.7114
12694 2249.502
12695 ssim per frame: 0.796017
12696 0.8296557
12697 0.8169952
12698 0.8077962
12699 0.8016799
12700 0.79599977
12701 0.784487
12702 0.78282875
12703 0.7813504
12704 0.7797099
```

```
File - interval_pred10_goontrain
12705 0.7796668
12706 sharpness per frame: 254.86714
12707 255.0
12708 255.0
12709 255.0
12710 255.0
12711 254. 92592
12712 254. 93056
12713 254. 94444
12714 254. 98611
12715 254.69908
12716 254. 18518
12717 saved to checkpoints/radar_predrnn_pp
12718 itr: 180010
12719 training loss: 3377.7917
12720 itr: 180020
12721 training loss: 6423.868
12722 itr: 180030
12723 training loss: 6641.422
12724 itr: 180040
12725 training loss: 4251.194
12726 itr: 180050
12727 training loss: 4240.6787
12728 itr: 180060
12729 training loss: 6118.0513
12730 itr: 180070
12731 training loss: 3007.2544
12732 itr: 180080
12733 training loss: 5238.882
12734 itr: 180090
12735 training loss: 3974.6328
12736 itr: 180100
12737 training loss: 4213.103
12738 itr: 180110
12739 training loss: 2335.0403
12740 itr: 180120
12741 training loss: 5301.3804
```

```
File - interval_pred10_goontrain
12742 itr: 180130
12743 training loss: 6265.995
12744 itr: 180140
12745 training loss: 2887.3103
12746 itr: 180150
12747 training loss: 1467.8864
12748 itr: 180160
12749 training loss: 2680.7317
12750 itr: 180170
12751 training loss: 4324.9805
12752 itr: 180180
12753 training loss: 3440.158
12754 itr: 180190
12755 training loss: 4417.776
12756 itr: 180200
12757 training loss: 4280.1997
12758 itr: 180210
12759 training loss: 3382.264
12760 itr: 180220
12761 training loss: 3756.6433
12762 itr: 180230
12763 training loss: 3655.6746
12764 itr: 180240
12765 training loss: 3623.6946
12766 itr: 180250
12767 training loss: 4404.7505
12768 itr: 180260
12769 training loss: 2876.6978
12770 itr: 180270
12771 training loss: 2866.942
12772 itr: 180280
12773 training loss: 2727.226
12774 itr: 180290
12775 training loss: 2007.3577
12776 itr: 180300
12777 training loss: 2498.198
12778 itr: 180310
```

File - interv	al_pred10_goontrain_
12816	itr: 180500
12817	training loss: 2082.244
12818	itr: 180510
12819	training loss: 4749.129
12820	itr: 180520
12821	training loss: 3994.9219
12822	itr: 180530
12823	training loss: 2348.912
12824	itr: 180540
12825	training loss: 4415.175
12826	itr: 180550
12827	training loss: 5175.449
12828	itr: 180560
12829	training loss: 2444.3228
12830	itr: 180570
12831	training loss: 4348.6113
12832	itr: 180580
12833	training loss: 5249.3145
12834	itr: 180590
12835	training loss: 5610.433
12836	itr: 180600
12837	training loss: 3604.3215
12838	itr: 180610
12839	training loss: 6429.6973
12840	itr: 180620
12841	training loss: 4898.88
12842	itr: 180630
12843	training loss: 4520.616
12844	itr: 180640
12845	training loss: 1582.0176
12846	itr: 180650
12847	training lo <u>ss: 4891.8438</u>
12848	itr: 180660
12849	training loss: 3587.3613
12850	itr: 180670
12851	training loss: 4873.6934
12852	itr: 180680

File - interv	al_pred10_goontrain
12853	training loss: 5538.3477
12854	itr: 180690
12855	training loss: 1955.1027
12856	itr: 180700
12857	training loss: 5552.062
12858	itr: 180710
12859	training loss: 5630.531
12860	itr: 180720
12861	training loss: 4431.978
12862	itr: 180730
12863	training loss: 3937.1523
12864	itr: 180740
12865	training loss: 4449.2812
12866	itr: 180750
12867	training loss: 3446.4644
12868	itr: 180760
12869	training loss: 5033.512
12870	itr: 180770
12871	training loss: 5282.1855
12872	itr: 180780
12873	training loss: 4109.328
12874	itr: 180790
12875	training loss: 1314.2084
12876	itr: 180800
12877	training loss: 2803.92
12878	itr: 180810
12879	training loss: 3459.389
12880	itr: 180820
12881	training loss: 4955.9316
12882	itr: 180830
12883	training loss: 1680.4546
12884	itr: 180840
12885	training loss: 3000.185
12886	itr: 180850
12887	J
12888	itr: 180860
12889	training loss: 4735.5967

```
File - interval_pred10_goontrain
12890 itr: 180870
12891 training loss: 2808.3809
12892 itr: 180880
12893 training loss: 2964.207
12894 itr: 180890
12895 training loss: 6677.4863
12896 itr: 180900
12897 training loss: 4042.814
12898 itr: 180910
12899 training loss: 4908.7324
12900 itr: 180920
12901 training loss: 2361.6987
12902 itr: 180930
12903 training loss: 6439.5723
12904 itr: 180940
12905 training loss: 3682.8015
12906 itr: 180950
12907 training loss: 3178.3794
12908 itr: 180960
12909 training loss: 4339.535
12910 itr: 180970
12911 training loss: 4451.9053
12912 itr: 180980
12913 training loss: 2494.5798
12914 itr: 180990
12915 training loss: 3017.1084
12916 itr: 181000
12917 training loss: 5166.8643
12918 itr: 181010
12919 training loss: 4102.602
12920 itr: 181020
12921 training loss: 4139.275
12922 itr: 181030
12923 training loss: 4331.1206
12924 itr: 181040
12925 training loss: 4458.117
12926 itr: 181050
```

File - interva	al_pred10_goontrain
12927	training loss: 4530.436
12928	itr: 181060
12929	training loss: 3145.6946
12930	itr: 181070
12931	training loss: 4308.897
12932	itr: 181080
12933	training loss: 2328.4482
12934	itr: 181090
12935	training loss: 5289.734
12936	itr: 181100
12937	training loss: 5475.267
12938	itr: 181110
12939	training loss: 7557.7393
12940	itr: 181120
12941	training loss: 6466.739
12942	itr: 181130
12943	training loss: 5510.2344
12944	itr: 181140
12945	training loss: 2789.8264
12946	itr: 181150
12947	training loss: 4295.4277
12948	itr: 181160
12949	training loss: 5133.0317
12950	itr: 181170
12951	training loss: 2442.6533
12952	itr: 181180
12953	training loss: 2490.5286
12954	itr: 181190
12955	training loss: 4669.0264
12956	itr: 181200
12957	training loss: 3569.939
12958	itr: 181210
12959	training loss: 3712.2278
12960	itr: 181220
12961	training loss: 2494.4333
12962	itr: 181230
12963	training loss: 4763.5464

```
File - interval_pred10_goontrain
12964 itr: 181240
12965 training loss: 1015.5138
12966 itr: 181250
12967 training loss: 5294.73
12968 itr: 181260
12969 training loss: 3099.053
12970 itr: 181270
12971 training loss: 6137.708
12972 itr: 181280
12973 training loss: 5697.9604
12974 itr: 181290
12975 training loss: 3462.2788
12976 itr: 181300
12977 training loss: 3416.9417
12978 itr: 181310
12979 training loss: 3483.2832
12980 itr: 181320
12981 training loss: 3128.3542
12982 itr: 181330
12983 training loss: 4950.581
12984 itr: 181340
12985 training loss: 4508.6797
12986 itr: 181350
12987 training loss: 2481.2744
12988 itr: 181360
12989 training loss: 5160.2134
12990 itr: 181370
12991 training loss: 2179.274
12992 itr: 181380
12993 training loss: 756.2401
12994 itr: 181390
12995 training loss: 2659.3823
12996 itr: 181400
12997 training loss: 4269.1255
12998 itr: 181410
12999 training loss: 821.19934
13000 itr: 181420
```

File - interv	al_pred10_goontrain
13001	training loss: 3989.3599
13002	itr: 181430
13003	training loss: 4647.9805
13004	itr: 181440
13005	training loss: 2982.4924
13006	itr: 181450
13007	training loss: 2033.2812
13008	itr: 181460
13009	training loss: 3159.6274
13010	itr: 181470
13011	training loss: 4026.0854
13012	itr: 181480
13013	training loss: 3627.518
13014	itr: 181490
13015	training loss: 1989.9968
13016	itr: 181500
13017	training loss: 2711.51
13018	itr: 181510
13019	training loss: 4587.3384
13020	itr: 181520
13021	training loss: 4887.2803
13022	itr: 181530
13023	training loss: 5058.4414
13024	itr: 181540
13025	J 1
13026	itr: 181550
13027	training loss: 4097.6377
13028	itr: 181560
13029	training loss: 4082.9304
13030	itr: 181570
13031	training loss: 3419.973
13032	itr: 181580
13033	training loss: 4943.663
13034	itr: 181590
13035	J
13036	itr: 181600
13037	training loss: 2659.831

```
File - interval_pred10_goontrain
13038 itr: 181610
13039 training loss: 2739.9514
13040 itr: 181620
13041 training loss: 2116.7046
13042 itr: 181630
13043 training loss: 3753.0278
13044 itr: 181640
13045 training loss: 2579.5054
13046 itr: 181650
13047 training loss: 5020.552
13048 itr: 181660
13049 training loss: 1848.6875
13050 itr: 181670
13051 training loss: 3724.3562
13052 itr: 181680
13053 training loss: 3384.0479
13054 itr: 181690
13055 training loss: 4460.1016
13056 itr: 181700
13057 training loss: 2063.691
13058 itr: 181710
13059 training loss: 4442.995
13060 itr: 181720
13061 training loss: 2061.0618
13062 itr: 181730
13063 training loss: 2677.067
13064 itr: 181740
13065 training loss: 3904.0708
13066 itr: 181750
13067 training loss: 4140.7173
13068 itr: 181760
13069 training loss: 4260.0264
13070 itr: 181770
13071 training loss: 2539.6948
13072 itr: 181780
13073 training loss: 2694.101
13074 itr: 181790
```

File - interv	al_pred10_goontrain
13075	training loss: 3463.2158
13076	itr: 181800
13077	training Loss: 3281.5115
13078	itr: 181810
13079	training Loss: 1553.2681
13080	itr: 181820
13081	training loss: 2414.4758
13082	itr: 181830
13083	training loss: 2064.541
13084	itr: 181840
13085	training loss: 3519.0068
13086	itr: 181850
13087	training loss: 2601.7896
13088	itr: 181860
13089	training loss: 3814.3557
13090	itr: 181870
13091	training loss: 1233.7528
13092	itr: 181880
13093	training loss: 2418.4841
13094	itr: 181890
13095	training loss: 2338.0352
13096	itr: 181900
13097	training loss: 4591.0513
13098	itr: 181910
	training loss: 5275.347
13100	
13101	training loss: 5479.709
13102	
13103	J
13104	itr: 181940
13105	training loss: 2066.8586
13106	itr: 181950
13107	training loss: 4723.527
13108	itr: 181960
	training loss: 4211.2114
13110	itr: 181970
13111	training loss: 1842.1149

```
File - interval_pred10_goontrain
13112 itr: 181980
13113 training loss: 3973.6755
13114 itr: 181990
13115 training loss: 5882.925
13116 itr: 182000
13117 training loss: 5290.85
13118 itr: 182010
13119 training loss: 2512.703
13120 itr: 182020
13121 training loss: 4824.5522
13122 itr: 182030
13123 training loss: 4279.7173
13124 itr: 182040
13125 training loss: 2964.7446
13126 itr: 182050
13127 training loss: 2560.2053
13128 itr: 182060
13129 training loss: 2900.5425
13130 itr: 182070
13131 training loss: 4331.5225
13132 itr: 182080
13133 training loss: 3198.4316
13134 itr: 182090
13135 training loss: 2535.0334
13136 itr: 182100
13137 training loss: 3722.1145
13138 itr: 182110
13139 training loss: 3993.4302
13140 itr: 182120
13141 training loss: 2578.672
13142 itr: 182130
13143 training loss: 3492.12
13144 itr: 182140
13145 training loss: 2529.825
13146 itr: 182150
13147 training loss: 4005.3096
13148 itr: 182160
```

File - interv	al_pred10_goontrain
13149	training loss: 4157.0103
13150	itr: 182170
13151	training loss: 2935.291
13152	itr: 182180
13153	<u> </u>
13154	itr: 182190
13155	training loss: 4019.7239
13156	itr: 182200
13157	training loss: 3719.735
13158	itr: 182210
13159	training loss: 3211.6978
13160	itr: 182220
13161	training loss: 2934.536
13162	itr: 182230
13163	training loss: 2753.0908
13164	itr: 182240
13165	training loss: 4411.4897
13166	itr: 182250
13167	training loss: 4581.7764
13168	itr: 182260
13169	training loss: 4361.9844
13170	itr: 182270
13171	training loss: 3380.632
13172	itr: 182280
13173	training loss: 4671.0317
13174	itr: 182290
13175	training loss: 2354.7583
13176	itr: 182300
13177	training loss: 1551.3297
13178	itr: 182310
13179	training loss: 2523.4795
13180 13181	itr: 182320
13181	training loss: 809.3413 itr: 182330
13182	training loss: 1385.6549
13184	itr: 182340
13185	training loss: 2458.9482
13103	trariiriy 1055. 2450.9462

```
File - interval_pred10_goontrain
13186 itr: 182350
13187 training loss: 2954.0093
13188 itr: 182360
13189 training loss: 4075.295
13190 itr: 182370
13191 training loss: 3774.5342
13192 itr: 182380
13193 training loss: 2795.3086
13194 itr: 182390
13195 training loss: 1776.2769
13196 itr: 182400
13197 training loss: 1839.0781
13198 itr: 182410
13199 training loss: 2563.7927
13200 itr: 182420
13201 training loss: 3024.9773
13202 itr: 182430
13203 training loss: 4954.1523
13204 itr: 182440
13205 training loss: 1228.0828
13206 itr: 182450
13207 training loss: 2711.2698
13208 itr: 182460
13209 training loss: 4612.812
13210 itr: 182470
13211 training loss: 3875.5234
13212 itr: 182480
13213 training loss: 3036.8232
13214 itr: 182490
13215 training loss: 1370.6178
13216 itr: 182500
13217 training loss: 3295.9272
13218 itr: 182510
13219 training loss: 4705.911
13220 itr: 182520
13221 training loss: 2131.132
13222 itr: 182530
```

File - interv	al_pred10_goontrain
13223	training loss: 3227.0554
13224	itr: 182540
13225	training Loss: 2438.5413
13226	itr: 182550
13227	training Loss: 2218.304
13228	itr: 182560
13229	training loss: 5269.619
13230	itr: 182570
13231	training Loss: 1854.3998
13232	itr: 182580
13233	training loss: 968.0457
13234	itr: 182590
13235	training loss: 3930.7427
13236	itr: 182600
13237	training loss: 3159.862
13238	itr: 182610
13239	training loss: 1564.2395
13240	itr: 182620
13241	training loss: 2276.1973
13242	itr: 182630
	training loss: 4810.072
13244	itr: 182640
13245	training loss: 3694.759
	itr: 182650
	training loss: 5364.1865
	itr: 182660
	training loss: 4005.1116
	itr: 182670
	training loss: 1902.1069
	itr: 182680
	training loss: 2718.266
	itr: 182690
13255	3
13256	
	training loss: 2369.5613
	itr: 182710
13259	training loss: 1955.532

```
File - interval_pred10_goontrain
13260 itr: 182720
13261 training loss: 618.348
13262 itr: 182730
13263 training loss: 4673.5894
13264 itr: 182740
13265 training loss: 3958.3047
13266 itr: 182750
13267 training loss: 3397.855
13268 itr: 182760
13269 training loss: 1330.1064
13270 itr: 182770
13271 training loss: 3594.298
13272 itr: 182780
13273 training loss: 5255.123
13274 itr: 182790
13275 training loss: 5266.2837
13276 itr: 182800
13277 training loss: 3124.3967
13278 itr: 182810
13279 training loss: 2543.375
13280 itr: 182820
13281 training loss: 4927.966
13282 itr: 182830
13283 training loss: 2485.2793
13284 itr: 182840
13285 training loss: 2627.5642
13286 itr: 182850
13287 training loss: 2704.37
13288 itr: 182860
13289 training loss: 3457.1267
13290 itr: 182870
13291 training loss: 3708.7708
13292 itr: 182880
13293 training loss: 4384.8066
13294 itr: 182890
13295 training loss: 4302.2056
13296 itr: 182900
```

File - interv	al_pred10_goontrain
13297	training loss: 2803.62
13298	itr: 182910
13299	training loss: 3036.7732
13300	itr: 182920
13301	training loss: 3269.173
13302	itr: 182930
13303	training loss: 2145.9993
13304	itr: 182940
13305	training loss: 1250.9944
13306	itr: 182950
13307	training loss: 3639.0757
13308	itr: 182960
13309	training loss: 4463.4487
13310	itr: 182970
13311	training loss: 4501.905
13312	itr: 182980
13313	training loss: 3068.5051
13314	itr: 182990
13315	training loss: 4074.8235
13316	itr: 183000
13317	training loss: 4055.8
13318	itr: 183010
13319	training loss: 2874.8364
13320	itr: 183020
13321	training loss: 3285.5525
13322	
	training loss: 3602.637
13324	
13325	J
13326	
13327	training loss: 2797.4211
13328	itr: 183060
13329	J
13330	
	training loss: 2161.227
	itr: 183080
13333	training loss: 4399.0176

```
File - interval_pred10_goontrain
13334 itr: 183090
13335 training loss: 1696.6278
13336 itr: 183100
13337 training loss: 2334.7468
13338 itr: 183110
13339 training loss: 3868.785
13340 itr: 183120
13341 training loss: 6376.6523
13342 itr: 183130
13343 training loss: 5110.271
13344 itr: 183140
13345 training loss: 3381.6062
13346 itr: 183150
13347 training loss: 4162.801
13348 itr: 183160
13349 training loss: 4604.008
13350 itr: 183170
13351 training loss: 4977.277
13352 itr: 183180
13353 training loss: 1508.6893
13354 itr: 183190
13355 training loss: 3294.7163
13356 itr: 183200
13357 training loss: 1837.1317
13358 itr: 183210
13359 training loss: 2248.7173
13360 itr: 183220
13361 training loss: 3932.503
13362 itr: 183230
13363 training loss: 1909.0477
13364 itr: 183240
13365 training loss: 2664.6587
13366 itr: 183250
13367 training loss: 4777.518
13368 itr: 183260
13369 training loss: 2052.9875
13370 itr: 183270
```

File - interv	al_pred10_goontrain
13371	training loss: 4696.4614
13372	itr: 183280
13373	training loss: 1732.9896
13374	itr: 183290
13375	training loss: 3688.4358
13376	itr: 183300
13377	training loss: 3862.0967
13378	itr: 183310
13379	training loss: 5117.185
13380	itr: 183320
13381	training loss: 3126.0288
13382	itr: 183330
13383	training loss: 3539.8975
13384	itr: 183340
13385	training loss: 5048.251
13386	itr: 183350
13387	training loss: 4375.1885
13388	itr: 183360
13389	training loss: 3524.1387
13390	itr: 183370
13391	training loss: 2487.7888
13392	itr: 183380
13393	training loss: 3244.5317
13394	itr: 183390
13395	J 1 11 11 11
13396	itr: 183400
13397	training loss: 3689.0608
13398	itr: 183410
13399	training loss: 5161.192
13400	itr: 183420
13401	training loss: 3995.419
13402	itr: 183430
13403	5
13404	itr: 183440
13405	J 1 11 11 11 11 11 11 11 11 11 11 11 11
13406	itr: 183450
13407	training loss: 2112.863

al_pred10_goontrain
itr: 183460
training loss: 4599.5713
itr: 183470
training loss: 3898.7974
itr: 183480
training loss: 4376.9907
itr: 183490
training loss: 3705.9534
itr: 183500
training loss: 4504.6445
itr: 183510
training loss: 3021.6772
itr: 183520
training loss: 2293.047
itr: 183530
training loss: 4680.011
itr: 183540
training loss: 5206.673
itr: 183550
training loss: 4080.2844
itr: 183560
training loss: 2524.8108
itr: 183570
training loss: 5360.198
itr: 183580
training loss: 4669.692
itr: 183590
training loss: 1410.7146
itr: 183600
training loss: 2177.0745
itr: 183610
training loss: 4129.993
itr: 183620
training loss: 2772.099
itr: 183630
training loss: 5085.039
itr: 183640

File - interv	al_pred10_goontrain
13445	training loss: 2968.649
13446	itr: 183650
13447	training Loss: 2657.3933
13448	itr: 183660
13449	training loss: 5335.92
13450	itr: 183670
13451	training loss: 5238.832
13452	itr: 183680
13453	training loss: 4851.2114
13454	itr: 183690
13455	training loss: 3835.28
13456	itr: 183700
	training loss: 3826.4956
	itr: 183710
13459	training loss: 3470.3865
13460	itr: 183720
13461	training loss: 3123.037
13462	itr: 183730
13463	training loss: 5530.165
13464	itr: 183740
	training loss: 3142.589
13466	itr: 183750
13467	training loss: 1552.563
13468	itr: 183760
	training loss: 2678.0618
13470	itr: 183770
	training loss: 1079.234
13472	itr: 183780
	training loss: 5032.0347
13474	itr: 183790
13475	training loss: 4277.3823
13476	itr: 183800
13477	training loss: 6357.933
13478	
13479	3
13480	
13481	training loss: 3009.2844

```
File - interval_pred10_goontrain
13482 itr: 183830
13483 training loss: 4531.4346
13484 itr: 183840
13485 training loss: 2939.5068
13486 itr: 183850
13487 training loss: 4610.1646
13488 itr: 183860
13489 training loss: 3622.0276
13490 itr: 183870
13491 training loss: 3455.2637
13492 itr: 183880
13493 training loss: 3008.0247
13494 itr: 183890
13495 training loss: 3849.8623
13496 itr: 183900
13497 training loss: 4472.615
13498 itr: 183910
13499 training loss: 2411.2537
13500 itr: 183920
13501 training loss: 2788.526
13502 itr: 183930
13503 training loss: 3528.6016
13504 itr: 183940
13505 training loss: 5901.826
13506 itr: 183950
13507 training loss: 2618.2307
13508 itr: 183960
13509 training loss: 2718.2246
13510 itr: 183970
13511 training loss: 4329.106
13512 itr: 183980
13513 training loss: 2941.2664
13514 itr: 183990
13515 training loss: 2649.0193
13516 itr: 184000
13517 training loss: 5018.206
13518 itr: 184010
```

File - interv	al_pred10_goontrain
13519	training loss: 3718.3887
13520	itr: 184020
13521	training Loss: 3660.2617
13522	itr: 184030
13523	training loss: 5172.759
13524	itr: 184040
13525	training loss: 3467.7422
13526	itr: 184050
13527	training loss: 3397.2566
13528	itr: 184060
13529	training loss: 4284.7197
	itr: 184070
13531	training loss: 1762.7671
13532	itr: 184080
13533	training loss: 4275.2856
13534	itr: 184090
13535	training loss: 3557.9475
13536	itr: 184100
13537	training loss: 1680.3804
13538	itr: 184110
13539	training loss: 4118.826
13540	itr: 184120
13541	training loss: 5461.766
	itr: 184130
	training loss: 1712.159
	itr: 184140
	training loss: 3400.774
13546	itr: 184150
	training loss: 2101.6023
13548	itr: 184160
13549	training loss: 4353.466
13550	
13551	5
	itr: 184180
	training loss: 3860.9558
	itr: 184190
13555	training loss: 1721.8843

```
File - interval_pred10_goontrain
13556 itr: 184200
13557 training loss: 2113.8096
13558 itr: 184210
13559 training loss: 4416.7427
13560 itr: 184220
13561 training loss: 837.43744
13562 itr: 184230
13563 training loss: 2483.239
13564 itr: 184240
13565 training loss: 1871.5682
13566 itr: 184250
13567 training loss: 5388.099
13568 itr: 184260
13569 training loss: 4491.8667
13570 itr: 184270
13571 training loss: 2548.9954
13572 itr: 184280
13573 training loss: 3430.5923
13574 itr: 184290
13575 training loss: 2659.6787
13576 itr: 184300
13577 training loss: 1518.756
13578 itr: 184310
13579 training loss: 4839.1
13580 itr: 184320
13581 training loss: 3309.27
13582 itr: 184330
13583 training loss: 3310.0117
13584 itr: 184340
13585 training loss: 3406.437
13586 itr: 184350
13587 training loss: 2657.7356
13588 itr: 184360
13589 training loss: 4673.465
13590 itr: 184370
13591 training loss: 2929.6282
13592 itr: 184380
```

File - interv	al_pred10_goontrain
13593	training Loss: 5122.5796
13594	itr: 184390
13595	training loss: 1170.642
13596	itr: 184400
13597	training Loss: 2810.8289
13598	itr: 184410
13599	training loss: 1578.067
13600	itr: 184420
13601	training loss: 3924.0347
13602	itr: 184430
13603	training loss: 2985.1782
13604	itr: 184440
13605	training loss: 5494.919
13606	itr: 184450
13607	training loss: 2303.3274
13608	itr: 184460
13609	training loss: 6127.29
13610	itr: 184470
13611	training loss: 2881.0283
13612	itr: 184480
13613	J
13614	itr: 184490
13615	training loss: 3964.5273
13616	itr: 184500
13617	training loss: 4412.831
13618	itr: 184510
13619	training loss: 5299.5894
13620	itr: 184520
	training loss: 3472.748
13622	itr: 184530
13623	training loss: 2437.3416
13624	
13625	training loss: 4273.7314
	itr: 184550
13627	training loss: 4067.8923
13628	itr: 184560
13629	training loss: 4158.9893

```
File - interval_pred10_goontrain
13630 itr: 184570
13631 training loss: 4599.4165
13632 itr: 184580
13633 training loss: 4480.1235
13634 itr: 184590
13635 training loss: 3751.896
13636 itr: 184600
13637 training loss: 1647.9736
13638 itr: 184610
13639 training loss: 3400.1902
13640 itr: 184620
13641 training loss: 3834.2932
13642 itr: 184630
13643 training loss: 3464.9507
13644 itr: 184640
13645 training loss: 2189.696
13646 itr: 184650
13647 training loss: 4852.303
13648 itr: 184660
13649 training loss: 3710.3538
13650 itr: 184670
13651 training loss: 5426.895
13652 itr: 184680
13653 training loss: 3583.5017
13654 itr: 184690
13655 training loss: 3000.6091
13656 itr: 184700
13657 training loss: 2822.212
13658 itr: 184710
13659 training loss: 3775.2158
13660 itr: 184720
13661 training loss: 3699.362
13662 itr: 184730
13663 training loss: 3985.8896
13664 itr: 184740
13665 training loss: 5954.958
13666 itr: 184750
```

File - interv	al_pred10_goontrain
13667	training loss: 1847.7676
13668	itr: 184760
13669	training loss: 5017.2725
13670	itr: 184770
13671	training Loss: 4515.2026
13672	itr: 184780
13673	training loss: 3861.7324
13674	itr: 184790
13675	training loss: 1404.5499
13676	itr: 184800
13677	training loss: 2322.367
13678	itr: 184810
13679	training loss: 6365.5737
13680	itr: 184820
13681	training loss: 3782.5703
13682	itr: 184830
13683	training loss: 5252.68
13684	itr: 184840
13685	training loss: 2856.1426
13686	itr: 184850
13687	training loss: 5437.2666
13688	itr: 184860
13689	training loss: 2593.0103
13690	itr: 184870
13691	training loss: 5643.434 itr: 184880
13692	
13694	training loss: 5123.05 itr: 184890
	training loss: 5602.383
13696	itr: 184900
	training loss: 6750.675
13698	itr: 184910
13699	training loss: 2580.9214
13700	itr: 184920
13701	training loss: 1726.597
13702	itr: 184930
13703	training loss: 4694.845

```
File - interval_pred10_goontrain
13704 itr: 184940
13705 training loss: 2691.5093
13706 itr: 184950
13707 training loss: 6157.225
13708 itr: 184960
13709 training loss: 3160.1223
13710 itr: 184970
13711 training loss: 4617.143
13712 itr: 184980
13713 training loss: 3981.921
13714 itr: 184990
13715 training loss: 1958.9431
13716 itr: 185000
13717 training loss: 3584.854
13718 test...
13719 mse per seg: 8998.491908744529
13720 607. 9499650178133
13721 699. 4744986074942
13722 777.8472636187518
13723 823. 1533567640516
13724 893. 226863861084
13725 993. 9670058356392
13726 1015. 9164560106066
13727 1034. 223217010498
13728 1057. 8850966559517
13729 1094. 8481853626392
13730 psnr per frame: 17.33102
13731 18.747643
13732 18. 18676
13733 17.853287
13734 17.630972
13735 17. 380962
13736 16.855722
13737 16.771572
13738 16.684038
13739 16.632664
13740 16.566576
```

```
File - interval_pred10_goontrain
13741 fmae per frame: 1887.6637
13742 1510. 1912
13743 1643. 9182
13744 1757.0023
13745 1816.5128
13746 1898. 1619
13747 2012.051
13748 2035. 2666
13749 2049. 2058
13750 2063. 2463
13751 2091.081
13752 ssim per frame: 0.7924861
13753 0.8238246
13754 0.8114569
13755 0.8036542
13756 0.79829127
13757 0.79327923
13758 0.7817464
13759 0.7799172
13760 0.77841324
13761 0.776946
13762 0.77733123
13763 sharpness per frame: 254.92314
13764 255.0
13765 255.0
13766 255.0
13767 254.81018
13768 254.86111
13769 254. 99074
13770 254.8287
13771 254.88426
13772 254. 90741
13773 254. 94908
13774 saved to checkpoints/radar_predrnn_pp
13775 itr: 185010
13776 training loss: 4870.9688
13777 itr: 185020
```

File - interv	al_pred10_goontrain
13778	training loss: 4221.705
13779	itr: 185030
13780	training loss: 3240.1917
13781	itr: 185040
13782	training loss: 1078.8235
13783	itr: 185050
13784	training loss: 2604.0286
13785	itr: 185060
13786	training loss: 2711.1443
13787	itr: 185070
13788	training loss: 4830.168
13789	itr: 185080
13790	training loss: 2460.9924
13791	itr: 185090
13792	training loss: 3299.4363
13793 13794	itr: 185100
13794	training loss: 2690.824 itr: 185110
13796	training loss: 5041.716
13790	itr: 185120
13798	training loss: 4068.238
13799	itr: 185130
13800	training loss: 2923.9165
13801	itr: 185140
	training loss: 1673.1929
13803	itr: 185150
13804	training loss: 4268.177
13805	itr: 185160
13806	training loss: 4134.8105
13807	itr: 185170
13808	training loss: 4673.9824
13809	itr: 185180
13810	training lo <mark>ss: 3637.895</mark>
13811	itr: 185190
13812	training loss: 3247.6787
13813	itr: 185200
13814	training loss: 2370.365

```
File - interval_pred10_goontrain
13815 itr: 185210
13816 training loss: 3678.0986
13817 itr: 185220
13818 training loss: 1729.428
13819 itr: 185230
13820 training loss: 1314.0138
13821 itr: 185240
13822 training loss: 4457.7095
13823 itr: 185250
13824 training loss: 2269.0356
13825 itr: 185260
13826 training loss: 2684.478
13827 itr: 185270
13828 training loss: 3660.262
13829 itr: 185280
13830 training loss: 2729.7559
13831 itr: 185290
13832 training loss: 1142.47
13833 itr: 185300
13834 training loss: 3250.2715
13835 itr: 185310
13836 training loss: 3662.0208
13837 itr: 185320
13838 training loss: 1960.1959
13839 itr: 185330
13840 training loss: 3048.317
13841 itr: 185340
13842 training loss: 1589.4668
13843 itr: 185350
13844 training loss: 4448.4375
13845 itr: 185360
13846 training loss: 4203.025
13847 itr: 185370
13848 training loss: 3189.204
13849 itr: 185380
13850 training loss: 3256.4226
13851 itr: 185390
```

File - interv	al_pred10_goontrain
13852	training loss: 3096.5544
13853	itr: 185400
13854	training loss: 4015.3008
13855	itr: 185410
13856	training loss: 3447.1973
13857	itr: 185420
13858	training loss: 4537.5073
13859	itr: 185430
13860	training loss: 6113.417
13861	itr: 185440
13862	training loss: 2298.9888
13863	itr: 185450
13864	training loss: 3178.96
13865	itr: 185460
13866	training loss: 4179.3584
13867	itr: 185470
13868	training loss: 2645.8333
13869	itr: 185480
13870	training loss: 1558.4442
13871	itr: 185490
13872	training loss: 5323.073
13873	itr: 185500
13874	training loss: 3095.172
13875	itr: 185510
13876	training loss: 5075.4575
13877	itr: 185520
13878	training loss: 2493.949
13879	itr: 185530
13880	training loss: 4247.7017
13881	itr: 185540
13882	training loss: 2524.7432
13883	itr: 185550
13884	training loss: 4727.1797
13885	itr: 185560
13886	J 1 11 11 11
13887	itr: 185570
13888	training loss: 2659.716

```
File - interval_pred10_goontrain
13889 itr: 185580
13890 training loss: 5214.1245
13891 itr: 185590
13892 training loss: 1863.8452
13893 itr: 185600
13894 training loss: 2947.577
13895 itr: 185610
13896 training loss: 2896.4497
13897 itr: 185620
13898 training loss: 4829.578
13899 itr: 185630
13900 training loss: 3812.6804
13901 itr: 185640
13902 training loss: 1130.848
13903 itr: 185650
13904 training loss: 3813.0662
13905 itr: 185660
13906 training loss: 5222.88
13907 itr: 185670
13908 training loss: 2729.6655
13909 itr: 185680
13910 training loss: 6307.9585
13911 itr: 185690
13912 training loss: 6667.5312
13913 itr: 185700
13914 training loss: 1659.0137
13915 itr: 185710
13916 training loss: 2988.7905
13917 itr: 185720
13918 training loss: 726.1224
13919 itr: 185730
13920 training loss: 4607.4844
13921 itr: 185740
13922 training loss: 4581.92
13923 itr: 185750
13924 training loss: 4130.9673
13925 itr: 185760
```

File - interv	al_pred10_goontrain
13926	training loss: 2684.5244
13927	itr: 185770
13928	training loss: 2623.7761
13929	itr: 185780
13930	training loss: 1586.7277
13931	itr: 185790
13932	training loss: 4287.9697
13933	itr: 185800
13934	training loss: 3667.3137
13935	itr: 185810
13936	training loss: 2310.0327
13937	itr: 185820
13938	training loss: 3581.673
13939	itr: 185830
13940	training loss: 4439.3867
13941	itr: 185840
13942	training loss: 4355.3384
13943	itr: 185850
13944	training loss: 3690.4397
13945	itr: 185860
13946	training loss: 3180.7976
13947	itr: 185870
13948	training loss: 3349.9634
13949	itr: 185880
13950	training loss: 3220.8208
13951	itr: 185890
13952	training loss: 3256.6113
13953	itr: 185900
13954	training Loss: 2911.5334
13955	itr: 185910
13956	training loss: 1669.5398
13957	itr: 185920
13958	training loss: 2935.1775
13959	itr: 185930
13960	training loss: 3659.324
13961	itr: 185940
13962	training loss: 4930.584

```
File - interval_pred10_goontrain
13963 itr: 185950
13964 training loss: 3033.1216
13965 itr: 185960
13966 training loss: 5716.5405
13967 itr: 185970
13968 training loss: 5214.659
13969 itr: 185980
13970 training loss: 4183.583
13971 itr: 185990
13972 training loss: 4449.9243
13973 itr: 186000
13974 training loss: 4268.2666
13975 itr: 186010
13976 training loss: 4294.1934
13977 itr: 186020
13978 training loss: 5428.8315
13979 itr: 186030
13980 training loss: 3341.983
13981 itr: 186040
13982 training loss: 4336.2646
13983 itr: 186050
13984 training loss: 2878.9072
13985 itr: 186060
13986 training loss: 4476.8516
13987 itr: 186070
13988 training loss: 3052.3765
13989 itr: 186080
13990 training loss: 2034.66
13991 itr: 186090
13992 training loss: 3638.8052
13993 itr: 186100
13994 training loss: 3970.2446
13995 itr: 186110
13996 training loss: 4185.6904
13997 itr: 186120
13998 training loss: 1181.9229
13999 itr: 186130
```

File - interv	al_pred10_goontrain
14000	training loss: 4939.284
14001	itr: 186140
14002	training Loss: 1871.3308
14003	itr: 186150
14004	training loss: 3735.0227
14005	itr: 186160
14006	training loss: 4532.9556
14007	itr: 186170
14008	training loss: 2693.726
14009	itr: 186180
14010	training loss: 3964.4158
14011	itr: 186190
14012	training loss: 2901.6028
14013	itr: 186200
14014	training loss: 3389.8174
14015	itr: 186210
14016	training loss: 2494.2275
14017	itr: 186220
14018	training loss: 1699.1405
14019	itr: 186230
14020	training loss: 3075.4673
14021	itr: 186240
14022	training loss: 6424.8687
14023	itr: 186250
	training loss: 1035.1182
14025	
14026	J
	itr: 186270
14028	<b>J</b>
14029	
14030	training loss: 3974.2268
	itr: 186290
	training loss: 1697.5424
14033	itr: 186300
14034	training loss: 4987.694 itr: 186310
14036	training loss: 3704.9448

```
File - interval_pred10_goontrain
14037 itr: 186320
14038 training loss: 4216.5835
14039 itr: 186330
14040 training loss: 4608.769
14041 itr: 186340
14042 training loss: 4126.536
14043 itr: 186350
14044 training loss: 2682.8682
14045 itr: 186360
14046 training loss: 3754.8752
14047 itr: 186370
14048 training loss: 3480.2766
14049 itr: 186380
14050 training loss: 3299.6465
14051 itr: 186390
14052 training loss: 1957.3354
14053 itr: 186400
14054 training loss: 3995.233
14055 itr: 186410
14056 training loss: 3869.773
14057 itr: 186420
14058 training loss: 2545.559
14059 itr: 186430
14060 training loss: 2559.6396
14061 itr: 186440
14062 training loss: 4082.154
14063 itr: 186450
14064 training loss: 5398.499
14065 itr: 186460
14066 training loss: 2983.5093
14067 itr: 186470
14068 training loss: 5078.47
14069 itr: 186480
14070 training loss: 5327.782
14071 itr: 186490
14072 training loss: 2896.6045
14073 itr: 186500
```

File - interv	al_pred10_goontrain
14074	training loss: 2695.4036
14075	itr: 186510
14076	training loss: 2349.1326
14077	itr: 186520
14078	training loss: 5693.898
14079	itr: 186530
14080	training loss: 1732.8843
14081	itr: 186540
14082	training loss: 5038.833
14083	itr: 186550
14084	training loss: 2649.3245
14085	itr: 186560
14086	training loss: 2989.0288
14087	itr: 186570
14088	training loss: 3422.7998
14089	itr: 186580
14090	training loss: 1460.9692
14091	itr: 186590
14092	training loss: 3804.443
14093	itr: 186600
14094	training loss: 4350.2324
14095	itr: 186610
14096	training loss: 4132.712
14097	itr: 186620
14098	training loss: 5468.267
14099	itr: 186630
14100	training loss: 3887.8333
14101	itr: 186640
14102	training loss: 4128.8813
14103	itr: 186650
14104	training loss: 1203.8176
14105	itr: 186660
14106	training loss: 2291.427
14107	itr: 186670
14108	training loss: 1282.772
14109	itr: 186680
14110	training loss: 2415.4736

```
File - interval_pred10_goontrain
14111 itr: 186690
14112 training loss: 2583.5137
14113 itr: 186700
14114 training loss: 4869.5615
14115 itr: 186710
14116 training loss: 3645.7773
14117 itr: 186720
14118 training loss: 589.80597
14119 itr: 186730
14120 training loss: 4602.6577
14121 itr: 186740
14122 training loss: 3676.935
14123 itr: 186750
14124 training loss: 3675.6726
14125 itr: 186760
14126 training loss: 4161.51
14127 itr: 186770
14128 training loss: 3818.7646
14129 itr: 186780
14130 training loss: 3895.1362
14131 itr: 186790
14132 training loss: 3734.826
14133 itr: 186800
14134 training loss: 4807.0205
14135 itr: 186810
14136 training loss: 4120.8804
14137 itr: 186820
14138 training loss: 4301.053
14139 itr: 186830
14140 training loss: 3718.5405
14141 itr: 186840
14142 training loss: 2770.07
14143 itr: 186850
14144 training loss: 2775.041
14145 itr: 186860
14146 training loss: 4319.9736
14147 itr: 186870
```

File - interv	al_pred10_goontrain
14148	training loss: 3838.4495
14149	itr: 186880
14150	training loss: 4908.226
14151	itr: 186890
14152	training loss: 4979.642
14153	itr: 186900
14154	training loss: 3416.6975
14155	itr: 186910
14156	training loss: 3522.8997
14157	itr: 186920
14158	training loss: 4266.144
14159	itr: 186930
14160	training loss: 2504.8616
14161	itr: 186940
14162	training loss: 3616.4958
14163	itr: 186950
14164	training loss: 5479.0933
14165	itr: 186960
14166	<u> </u>
14167	itr: 186970
14168	training loss: 4305.4717
14169	itr: 186980
14170	training loss: 2376.031
14171	itr: 186990
14172	training loss: 4282.8594
14173	itr: 187000
14174	training loss: 4582.8374
14175	itr: 187010
14176	training loss: 4642.451
14177	itr: 187020
14178	training loss: 2911.0144
14179	itr: 187030
14180	training loss: 3684.404
14181	itr: 187040
14182	training loss: 2747.3335
14183	itr: 187050
14184	training loss: 4573.9873

```
File - interval_pred10_goontrain
14185 itr: 187060
14186 training loss: 3720.6387
14187 itr: 187070
14188 training loss: 4780.8867
14189 itr: 187080
14190 training loss: 5141.907
14191 itr: 187090
14192 training loss: 5022.889
14193 itr: 187100
14194 training loss: 3383.7832
14195 itr: 187110
14196 training loss: 3975.178
14197 itr: 187120
14198 training loss: 2278.101
14199 itr: 187130
14200 training loss: 5278.9272
14201 itr: 187140
14202 training loss: 5212.8164
14203 itr: 187150
14204 training loss: 4624.299
14205 itr: 187160
14206 training loss: 2388.8032
14207 itr: 187170
14208 training loss: 4382.7397
14209 itr: 187180
14210 training loss: 3583.0256
14211 itr: 187190
14212 training loss: 2657.895
14213 itr: 187200
14214 training loss: 3497.8074
14215 itr: 187210
14216 training loss: 2701.3274
14217 itr: 187220
14218 training loss: 3146.2766
14219 itr: 187230
14220 training loss: 2875.7856
14221 itr: 187240
```

```
File - interval_pred10_goontrain
14259 itr: 187430
14260 training loss: 5509.3467
14261 itr: 187440
14262 training loss: 4992.06
14263 itr: 187450
14264 training loss: 3757.258
14265 itr: 187460
14266 training loss: 3774.608
14267 itr: 187470
14268 training loss: 1805.2523
14269 itr: 187480
14270 training loss: 2544.9346
14271 itr: 187490
14272 training loss: 2662.5232
14273 itr: 187500
14274 training loss: 4711.1567
14275 itr: 187510
14276 training loss: 1892.7086
14277 itr: 187520
14278 training loss: 5005.8755
14279 itr: 187530
14280 training loss: 3759.0752
14281 itr: 187540
14282 training loss: 4292.9316
14283 itr: 187550
14284 training loss: 1634.0082
14285 itr: 187560
14286 training loss: 4542.4497
14287 itr: 187570
14288 training loss: 1234.7656
14289 itr: 187580
14290 training loss: 2722.6997
14291 itr: 187590
14292 training loss: 2289.4333
14293 itr: 187600
14294 training loss: 3039.8816
14295 itr: 187610
```

File - interv	al_pred10_goontrain
14296	training Loss: 6133.953
14297	itr: 187620
14298	training loss: 4436.015
14299	itr: 187630
14300	training Loss: 4022.8872
14301	itr: 187640
14302	training loss: 2208.2747
14303	itr: 187650
14304	training loss: 5100.834
14305	itr: 187660
14306	training loss: 3128.3657
14307	itr: 187670
14308	training loss: 4944.3394
14309	itr: 187680
14310	training loss: 1422.3292
14311	itr: 187690
14312	training loss: 2118.1904
14313	itr: 187700
14314	training loss: 5201.233
14315	itr: 187710
14316	training loss: 2807.344
14317	itr: 187720
14318	training loss: 2642.373
14319	itr: 187730
14320	training loss: 6832.955
14321	itr: 187740
14322	training loss: 2878.322
14323	itr: 187750
14324	training loss: 5167.306
14325	itr: 187760
14326	training loss: 3479.3936
14327	itr: 187770
14328	training loss: 3855.1772
14329	itr: 187780
14330	training loss: 6146.974
14331	itr: 187790
14332	training loss: 6023.869

```
File - interval_pred10_goontrain
14333 itr: 187800
14334 training loss: 2882.7202
14335 itr: 187810
14336 training loss: 3664.6428
14337 itr: 1878<u>20</u>
14338 training loss: 2001.4845
14339 itr: 187830
14340 training loss: 3990.1272
14341 itr: 187840
14342 training loss: 3170.2458
14343 itr: 187850
14344 training loss: 4459.767
14345 itr: 187860
14346 training loss: 3441.7417
14347 itr: 187870
14348 training loss: 1766.21
14349 itr: 187880
14350 training loss: 5256.4
14351 itr: 187890
14352 training loss: 3968.989
14353 itr: 187900
14354 training loss: 4204.4536
14355 itr: 187910
14356 training loss: 4098.206
14357 itr: 187920
14358 training loss: 2490.1392
14359 itr: 187930
14360 training loss: 3012.173
14361 itr: 187940
14362 training loss: 4123.9116
14363 itr: 187950
14364 training loss: 3913.143
14365 itr: 187960
14366 training loss: 3336.5728
14367 itr: 187970
14368 training loss: 3688.7114
14369 itr: 187980
```

File - interva	al_pred10_goontrain
14370	training loss: 3240.4355
14371	itr: 187990
14372	training loss: 3790.342
14373	itr: 188000
14374	training loss: 2179.4998
14375	itr: 188010
14376	training loss: 4993.4424
14377	itr: 188020
14378	training loss: 4021.4297
14379	itr: 188030
14380	training loss: 2247.862
14381	itr: 188040
14382	training loss: 2271.3298
14383	itr: 188050
14384	training loss: 3151.1768
14385	itr: 188060
14386	training loss: 3637.478
14387	itr: 188070
14388	training loss: 2468.4043
14389	itr: 188080
14390	training loss: 5132.389
14391	itr: 188090
14392	training loss: 3884.2424
14393	itr: 188100
14394	training loss: 2822.7322
14395	itr: 188110
14396	training loss: 4995.1323
14397	itr: 188120
14398	training loss: 6445.906
14399	itr: 188130
14400	training loss: 3496.0544
14401	itr: 188140
14402	training loss: 5901.3804
14403	itr: 188150
14404	training loss: 4443.035
14405	itr: 188160
14406	training loss: 2308.6794

File - interv	al_pred10_goontrain_
14407	itr: 188170
14408	training loss: 3296.6663
14409	itr: 188180
14410	training loss: 3859.335
14411	itr: 188190
14412	training loss: 1730.9695
14413	itr: 188200
14414	training loss: 3176.8435
14415	itr: 188210
14416	training loss: 3168.0554
14417	itr: 188220
14418	training loss: 4362.0195
14419	itr: 188230
14420	training loss: 4201.1045
14421	itr: 188240
14422	training loss: 5224.925
14423	itr: 188250
14424	training loss: 4991.406
14425	itr: 188260
14426	training loss: 4223.1074
14427	itr: 188270
14428	training loss: 2804.5664
14429	itr: 188280
14430	training loss: 2368.488
14431	
14432	3
14433	itr: 188300
14434	training loss: 3160.7134
14435	itr: 188310
14436	3
14437	itr: 188320
14438	J
14439	itr: 188330
14440	training loss: 3127.817
14441	itr: 188340
14442	J
14443	itr: 188350

File - interv	al_pred10_goontrain
14444	training loss: 2662.6128
14445	itr: 188360
14446	training loss: 3959.3784
14447	itr: 188370
14448	training loss: 3903.9016
14449	itr: 188380
14450	training loss: 4905.158
14451	itr: 188390
14452	training loss: 4716.9897
14453	itr: 188400
14454	training loss: 1498.3441
14455	itr: 188410
14456	training loss: 1812.04
14457	itr: 188420
14458	training loss: 4392.3994
14459	itr: 188430
14460	training loss: 3538.7366
14461	itr: 188440
14462	training loss: 5305.1616
14463	itr: 188450
14464	training loss: 2581.085
14465	itr: 188460
14466	training loss: 1771.8724
14467	itr: 188470
14468	training loss: 4125.645
14469	itr: 188480
14470	training loss: 4293.417
14471	itr: 188490
14472	training loss: 4682.9517
14473	itr: 188500
14474	training loss: 6378.923
14475	itr: 188510
14476	training loss: 3817.5364
14477	itr: 188520
14478	training loss: 3283.3745
14479	itr: 188530
14480	training loss: 3252.3682

```
File - interval_pred10_goontrain
14481 itr: 188540
14482 training loss: 3189.2878
14483 itr: 188550
14484 training loss: 3256.7637
14485 itr: 188560
14486 training loss: 3935.6985
14487 itr: 188570
14488 training loss: 3258.0195
14489 itr: 188580
14490 training loss: 1914.5435
14491 itr: 188590
14492 training loss: 2911.5867
14493 itr: 188600
14494 training loss: 2172.7698
14495 itr: 188610
14496 training loss: 975.9953
14497 itr: 188620
14498 training loss: 5609.5503
14499 itr: 188630
14500 training loss: 2569.3464
14501 itr: 188640
14502 training loss: 2538.417
14503 itr: 188650
14504 training loss: 2898.7776
14505 itr: 188660
14506 training loss: 4878.8394
14507 itr: 188670
14508 training loss: 2988.12
14509 itr: 188680
14510 training loss: 3862.5996
14511 itr: 188690
14512 training loss: 3407.0825
14513 itr: 188700
14514 training loss: 2144.359
14515 itr: 188710
14516 training loss: 4003.4387
14517 itr: 188720
```

File - interv	al_pred10_goontrain
14518	training loss: 3349.3909
14519	itr: 188730
14520	training loss: 3901.3
14521	itr: 188740
14522	training loss: 3442.2893
14523	itr: 188750
14524	training loss: 3277.7773
14525	itr: 188760
14526	training loss: 3429.8528
14527	itr: 188770
14528	training loss: 3434.1733
14529	itr: 188780
14530	training loss: 3884.5554
14531	itr: 188790
14532	training loss: 2193.609
14533	itr: 188800
14534	training loss: 2203.8643
14535	itr: 188810
14536	training loss: 3113.5444
14537	itr: 188820
14538	training loss: 2633.0159
14539	itr: 188830
14540	training loss: 3787.9675
14541	itr: 188840
	training loss: 3728.6025
14543	itr: 188850
14544	training loss: 4601.3877
14545	itr: 188860
14546	J
14547	itr: 188870
14548	training loss: 2917.1338
14549	itr: 188880
14550	training loss: 2263.6807
14551	itr: 188890
	training loss: 993.6222
14553	itr: 188900
14554	training loss: 4906.9253

```
File - interval_pred10_goontrain
14555 itr: 188910
14556 training loss: 3616.0518
14557 itr: 188920
14558 training loss: 2800.9546
14559 itr: 188930
14560 training loss: 5087.966
14561 itr: 188940
14562 training loss: 2941.165
14563 itr: 188950
14564 training loss: 3148.3877
14565 itr: 188960
14566 training loss: 2924.4614
14567 itr: 188970
14568 training loss: 3471.5615
14569 itr: 188980
14570 training loss: 2812.0732
14571 itr: 188990
14572 training loss: 5809.023
14573 itr: 189000
14574 training loss: 2969.4988
14575 itr: 189010
14576 training loss: 3647.9246
14577 itr: 189020
14578 training loss: 6147.3384
14579 itr: 189030
14580 training loss: 3671.0806
14581 itr: 189040
14582 training loss: 3832.1802
14583 itr: 189050
14584 training loss: 3406.17
14585 itr: 189060
14586 training loss: 3306.0981
14587 itr: 189070
14588 training loss: 1831.1024
14589 itr: 189080
14590 training loss: 1850.4039
14591 itr: 189090
```

File - interv	al_pred10_goontrain
14592	training loss: 2496.059
14593	itr: 189100
14594	training Loss: 3952.7095
14595	itr: 189110
14596	training loss: 4193.493
14597	itr: 189120
14598	training Loss: 1946.4026
14599	itr: 189130
14600	training loss: 2482.2854
14601	itr: 189140
14602	training loss: 2982.2644
14603	itr: 189150
14604	training loss: 5401.3047
14605	itr: 189160
14606	training loss: 4572.8706
14607	itr: 189170
14608	training loss: 3040.09
14609	itr: 189180
14610	training loss: 3200.9465
14611	itr: 189190
14612	training loss: 1720.1759
14613	itr: 189200
14614	training loss: 3527.021
14615	itr: 189210
14616	training loss: 3591.7776
14617	itr: 189220
14618	training loss: 1998.2432
14619	itr: 189230
	training loss: 5130.5337
14621	itr: 189240
	training loss: 3068.4087
14623	itr: 189250
14624	training loss: 2316.3218
14625	itr: 189260
	training loss: 4198.668
	itr: 189270
14628	training loss: 2961.4321

```
File - interval_pred10_goontrain
14629 itr: 189280
14630 training loss: 2671.6636
14631 itr: 189290
14632 training loss: 2936.9788
14633 itr: 189300
14634 training loss: 3506.3757
14635 itr: 189310
14636 training loss: 5242.6353
14637 itr: 189320
14638 training loss: 5438.205
14639 itr: 189330
14640 training loss: 3624.9338
14641 itr: 189340
14642 training loss: 3477.1448
14643 itr: 189350
14644 training loss: 4438.7285
14645 itr: 189360
14646 training loss: 2140.2734
14647 itr: 189370
14648 training loss: 1906.862
14649 itr: 189380
14650 training loss: 3911.5754
14651 itr: 189390
14652 training loss: 5929.85
14653 itr: 189400
14654 training loss: 3964.4507
14655 itr: 189410
14656 training loss: 3798.391
14657 itr: 189420
14658 training loss: 3529.7554
14659 itr: 189430
14660 training loss: 5056.74
14661 itr: 189440
14662 training loss: 4687.134
14663 itr: 189450
14664 training loss: 2296.7285
14665 itr: 189460
```

```
File - interval_pred10_goontrain
14703 itr: 189650
14704 training loss: 4520.1646
14705 itr: 189660
14706 training loss: 5282.3867
14707 itr: 189670
14708 training loss: 4833.8203
14709 itr: 189680
14710 training loss: 3248.0002
14711 itr: 189690
14712 training loss: 1739.2905
14713 itr: 189700
14714 training loss: 4726.645
14715 itr: 189710
14716 training loss: 3223.483
14717 itr: 189720
14718 training loss: 1331.9806
14719 itr: 189730
14720 training loss: 1754.5503
14721 itr: 189740
14722 training loss: 3262.9165
14723 itr: 189750
14724 training loss: 2601.1655
14725 itr: 189760
14726 training loss: 4606.467
14727 itr: 189770
14728 training loss: 4407.4346
14729 itr: 189780
14730 training loss: 4173.0977
14731 itr: 189790
14732 training loss: 3777.1614
14733 itr: 189800
14734 training loss: 3501.3125
14735 itr: 189810
14736 training loss: 2570.2546
14737 itr: 189820
14738 training loss: 3783.028
14739 itr: 189830
```

```
File - interval_pred10_goontrain
14777 605. 9489719249584
14778 698. 0905822471336
14779 782.6558620311596
14780 835. 4974883750633
14781 912. 223624335395
14782 1020. 8564017966942
14783 1048. 5171979268391
14784 1076. 0242318047417
14785 1096. 3558270489727
14786 1136. 8652025858562
14787 psnr per frame: 17.305447
14788 18.777842
14789 18. 209805
14790 17.861937
14791 17.616173
14792 17. 351912
14793 16.811855
14794 16. 718401
14795 16.609093
14796 16. 587984
14797 16. 509462
14798 fmae per frame: 1807.7369
14799 1402.0206
14800 1530.9967
14801 1648.8058
14802 1719. 2633
14803 1809. 9979
14804 1939. 295
14805 1971. 9391
14806 1998. 1604
14807 2012.0056
14808 2044.8853
14809 ssim per frame: 0.79045117
14810 0.8227573
14811 0.81118584
14812 0.8028632
14813 0.79682183
```

```
File - interval_pred10_goontrain
14814 0.7913718
14815 0.7797526
14816 0.77716553
14817 0.77532876
14818 0.77379966
14819 0.7734651
14820 sharpness per frame: 254.89815
14821 255.0
14822 255.0
14823 255.0
14824 254. 94444
14825 254.8287
14826 254.9537
14827 254.80556
14828 254.8287
14829 254.83333
14830 254. 78703
14831 saved to checkpoints/radar_predrnn
14832 itr: 190010
14833 training loss: 2147.9192
14834 itr: 190020
14835 training loss: 4476.593
14836 itr: 190030
14837 training loss: 5831.546
14838 itr: 190040
14839 training loss: 3037.9695
14840 itr: 190050
14841 training loss: 907.1997
14842 itr: 190060
14843 training loss: 3404.8005
14844 itr: 190070
14845 training loss: 5406.8105
14846 itr: 190080
14847 training loss: 5962.923
14848 itr: 190090
14849 training loss: 3265.572
14850 itr: 190100
```

File - interv	al_pred10_goontrain
14851	training loss: 4049.4644
14852	itr: 190110
14853	training loss: 4706.329
14854	itr: 190120
14855	training loss: 4214.166
14856	itr: 190130
14857	training loss: 2846.5774
14858	itr: 190140
14859	training loss: 2829.9727
14860	itr: 190150
14861	training loss: 4009.6453
14862	itr: 190160
14863	training loss: 3141.6672
14864	itr: 190170
14865	training loss: 5035.071
14866	itr: 190180
14867	training loss: 6420.1357
14868	itr: 190190
14869	training loss: 4446.3506
14870	itr: 190200
14871	training loss: 3538.9346
14872	itr: 190210
14873	training loss: 5948.509
14874	itr: 190220
14875	training loss: 4086.088
14876	itr: 190230
14877	training loss: 5606.6426
14878	itr: 190240
14879	training loss: 4102.921
14880	itr: 190250
14881	training loss: 3726.904
14882	itr: 190260
14883	training loss: 5835.2783
14884	itr: 190270
14885	training loss: 3338.864
14886	itr: 190280
14887	training loss: 4131.956

```
File - interval_pred10_goontrain
14888 itr: 190290
14889 training loss: 5083.737
14890 itr: 190300
14891 training loss: 2842.6155
14892 itr: 190310
14893 training loss: 4380.1157
14894 itr: 190320
14895 training loss: 3830.3232
14896 itr: 190330
14897 training loss: 2027.8004
14898 itr: 190340
14899 training loss: 3775.1775
14900 itr: 190350
14901 training loss: 3405.6895
14902 itr: 190360
14903 training loss: 3418.3977
14904 itr: 190370
14905 training loss: 2749.3755
14906 itr: 190380
14907 training loss: 2876.7998
14908 itr: 190390
14909 training loss: 1774.292
14910 itr: 190400
14911 training loss: 2124.2827
14912 itr: 190410
14913 training loss: 3244.616
14914 itr: 190420
14915 training loss: 6266.8145
14916 itr: 190430
14917 training loss: 2238.3064
14918 itr: 190440
14919 training loss: 5035.814
14920 itr: 190450
14921 training loss: 3880.0708
14922 itr: 190460
14923 training loss: 2552.6711
14924 itr: 190470
```

14961 training loss: 1550.6797

```
File - interval_pred10_goontrain
14962 itr: 190660
14963 training loss: 1555.942
14964 itr: 190670
14965 training loss: 3213.251
14966 itr: 190680
14967 training loss: 4097.2993
14968 itr: 190690
14969 training loss: 3194.2483
14970 itr: 190700
14971 training loss: 2838.3284
14972 itr: 190710
14973 training loss: 4712.7354
14974 itr: 190720
14975 training loss: 4291.7764
14976 itr: 190730
14977 training loss: 3365.2236
14978 itr: 190740
14979 training loss: 4989.085
14980 itr: 190750
14981 training loss: 3461.5671
14982 itr: 190760
14983 training loss: 3203.2046
14984 itr: 190770
14985 training loss: 2882.2817
14986 itr: 190780
14987 training loss: 2845.477
14988 itr: 190790
14989 training loss: 2723.2227
14990 itr: 190800
14991 training loss: 2211.3413
14992 itr: 190810
14993 training loss: 3618.2366
14994 itr: 190820
14995 training loss: 3994.4941
14996 itr: 190830
14997 training loss: 4948.597
14998 itr: 190840
```

14999 training loss: 5215.258 15000 itr: 190850 15001 training loss: 2761.9731 15002 itr: 190860 15003 training loss: 2780.5505 15004 itr: 190870 15005 training loss: 3266.7175 15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 3990.5098 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020 15035 training loss: 2510.6582	File - interv	al_pred10_goontrain
15000 itr: 190850 15001 training loss: 2761.9731 15002 itr: 190860 15003 training loss: 2780.5505 15004 itr: 190870 15005 training loss: 3266.7175 15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15002 itr: 190860 15003 training loss: 2780.5505 15004 itr: 190870 15005 training loss: 3266.7175 15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190990 15027 training loss: 3798.5571 15028 itr: 190990 15031 training loss: 2303.98 15032 itr: 191000 15033 training loss: 3990.5098 15034 itr: 191020	15000	
15003 training loss: 2780.5505 15004 itr: 190870 15005 training loss: 3266.7175 15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15001	training loss: 2761.9731
15004 itr: 190870 15005 training loss: 3266.7175 15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 3990.5098 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15002	itr: 190860
15005 training loss: 3266.7175 15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 3990.5098 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15003	training loss: 2780.5505
15006 itr: 190880 15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15004	itr: 190870
15007 training loss: 2911.1665 15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15005	training loss: 3266.7175
15008 itr: 190890 15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15006	itr: 190880
15009 training loss: 2933.9458 15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15007	training loss: 2911.1665
15010 itr: 190900 15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15008	
15011 training loss: 3437.4163 15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15012 itr: 190910 15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15013 training loss: 3999.534 15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		•
15014 itr: 190920 15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15015 training loss: 5125.5425 15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15016 itr: 190930 15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15017 training loss: 5845.1426 15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15018 itr: 190940 15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15019 training loss: 3187.369 15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15020 itr: 190950 15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15021 training loss: 5485.182 15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15022 itr: 190960 15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15023 training loss: 2822.4739 15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15024 itr: 190970 15025 training loss: 4137.275 15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
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15026 itr: 190980 15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15027 training loss: 3798.5571 15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15028 itr: 190990 15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15029 training loss: 1438.8304 15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		•
15030 itr: 191000 15031 training loss: 2303.98 15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020		
15032 itr: 191010 15033 training loss: 3990.5098 15034 itr: 191020	15031	
15033 training loss: 3990.5098 15034 itr: 191020		
15034 itr: 191020	15033	
15035 training loss: 2510.6582		
	15035	training loss: 2510.6582

```
File - interval_pred10_goontrain
15036 itr: 191030
15037 training loss: 2949.9636
15038 itr: 191040
15039 training loss: 5300.678
15040 itr: 191050
15041 training loss: 2996.021
15042 itr: 191060
15043 training loss: 2076.2092
15044 itr: 191070
15045 training loss: 2377.7498
15046 itr: 191080
15047 training loss: 2783.9211
15048 itr: 191090
15049 training loss: 1330.6156
15050 itr: 191100
15051 training loss: 2819.9421
15052 itr: 191110
15053 training loss: 3167.6602
15054 itr: 191120
15055 training loss: 3463.8984
15056 itr: 191130
15057 training loss: 4308.0645
15058 itr: 191140
15059 training loss: 2452.3076
15060 itr: 191150
15061 training loss: 2244.6309
15062 itr: 191160
15063 training loss: 3209.7703
15064 itr: 191170
15065 training loss: 4471.0435
15066 itr: 191180
15067 training loss: 4424.5728
15068 itr: 191190
15069 training loss: 3197.8296
15070 itr: 191200
15071 training loss: 4005.3752
15072 itr: 191210
```

15109 training loss: 2224.1335

File - interv	al_pred10_goontrain
15110	itr: 191400
15111	training loss: 2247.5122
15112	itr: 191410
15113	training loss: 5427.8857
15114	itr: 191420
15115	training loss: 4091.5676
15116	itr: 191430
15117	training loss: 3022.5093
15118	itr: 191440
15119	training loss: 1515.5974
15120	itr: 191450
15121	training loss: 3984.8232
15122	itr: 191460
15123	training loss: 1666.8079
15124	itr: 191470
15125	training loss: 2024.6504
15126	itr: 191480
15127	training loss: 2393.5208
15128	itr: 191490
15129	training loss: 5110.654
15130	itr: 191500
15131	training loss: 3245.307
15132	itr: 191510
15133	training loss: 1571.7866
15134	itr: 191520
15135	training loss: 3618.4153
15136	itr: 191530
15137	training loss: 3977.2568
15138	itr: 191540
15139	training loss: 4342.4966
15140	itr: 191550
15141	training loss: 4704.4487
15142	itr: 191560
15143	3
15144	itr: 191570
15145	training loss: 3664.87
15146	itr: 191580

File - interv	al_pred10_goontrain
15147	training Loss: 1519.1423
15148	itr: 191590
15149	training loss: 5155.227
15150	itr: 191600
15151	training loss: 3540.3267
15152	itr: 191610
15153	training loss: 3509.3352
15154	itr: 191620
15155	training loss: 2785.04
15156	itr: 191630
15157	training loss: 2123.4966
15158	itr: 191640
15159	training loss: 5067.638
15160	itr: 191650
15161	training loss: 3719.3096
15162	itr: 191660
15163	training loss: 3755.3896
15164	itr: 191670
15165	training loss: 4216.429
15166	itr: 191680
15167	training loss: 3856.0835
15168	itr: 191690
15169	training loss: 3522.8022
15170	itr: 191700
15171	training loss: 4554.776
15172	itr: 191710
15173	training loss: 5205.322
15174	itr: 191720
15175	training loss: 3241.877
15176	itr: 191730
15177	training loss: 1404.9167
15178	itr: 191740
15179	training loss: 4160.9033
15180	itr: 191750
15181	training loss: 2960.594
15182	
15183	training loss: 5021.8423

```
File - interval_pred10_goontrain
15184 itr: 191770
15185 training loss: 4985.1323
15186 itr: 191780
15187 training loss: 4830.755
15188 itr: 191790
15189 training loss: 3459.2405
15190 itr: 191800
15191 training loss: 3762.132
15192 itr: 191810
15193 training loss: 4611.044
15194 itr: 191820
15195 training loss: 2608.3716
15196 itr: 191830
15197 training loss: 3090.1187
15198 itr: 191840
15199 training loss: 4403.329
15200 itr: 191850
15201 training loss: 3953.9749
15202 itr: 191860
15203 training loss: 3840.1099
15204 itr: 191870
15205 training loss: 2883.5566
15206 itr: 191880
15207 training loss: 4679.7637
15208 itr: 191890
15209 training loss: 2373.6514
15210 itr: 191900
15211 training loss: 2978.2566
15212 itr: 191910
15213 training loss: 3035.1843
15214 itr: 191920
15215 training loss: 4752.5903
15216 itr: 191930
15217 training loss: 3732.4363
15218 itr: 191940
15219 training loss: 2235.0632
15220 itr: 191950
```

File - interv	al_pred10_goontrain
15221	training loss: 1361.7727
15222	itr: 191960
15223	training loss: 5331.3276
15224	itr: 191970
15225	training Loss: 1939.2437
15226	itr: 191980
15227	training loss: 4330.5186
15228	itr: 191990
15229	training loss: 1823.8922
15230	itr: 192000
15231	training loss: 4133.3154
15232	itr: 192010
15233	training loss: 5970.5093
15234	itr: 192020
15235	training loss: 2702.5251
15236 15237	itr: 192030 training loss: 2410 457
15237	training loss: 2410.657 itr: 192040
15239	training loss: 3302.705
15240	itr: 192050
15241	training loss: 4491.7646
15242	itr: 192060
15243	training loss: 1972.5127
15244	itr: 192070
15245	training loss: 3813.2832
15246	itr: 192080
15247	training loss: 4010.37
15248	itr: 192090
15249	training loss: 2248.4482
15250	itr: 192100
15251	training loss: 4363.3945
15252	itr: 192110
15253	5
15254	itr: 192120
15255	J
15256	itr: 192130
15257	training loss: 2552.7268

```
File - interval_pred10_goontrain
15258 itr: 192140
15259 training loss: 2959.7168
15260 itr: 192150
15261 training loss: 4063.3564
15262 itr: 192160
15263 training loss: 4164.831
15264 itr: 192170
15265 training loss: 3332.9167
15266 itr: 192180
15267 training loss: 3500.873
15268 itr: 192190
15269 training loss: 5934.7803
15270 itr: 192200
15271 training loss: 3346.2847
15272 itr: 192210
15273 training loss: 2060.9192
15274 itr: 192220
15275 training loss: 2772.211
15276 itr: 192230
15277 training loss: 2251.6863
15278 itr: 192240
15279 training loss: 2986.3284
15280 itr: 192250
15281 training loss: 3518.8071
15282 itr: 192260
15283 training loss: 2686.9712
15284 itr: 192270
15285 training loss: 4244.872
15286 itr: 192280
15287 training loss: 2665.459
15288 itr: 192290
15289 training loss: 2854.858
15290 itr: 192300
15291 training loss: 4167.943
15292 itr: 192310
15293 training loss: 2792.9373
15294 itr: 192320
```

File - interv	al_pred10_goontrain
15295	training loss: 2826.7217
15296	itr: 192330
15297	training Loss: 4158.1606
15298	itr: 192340
15299	training loss: 3508.5247
15300	itr: 192350
15301	training loss: 5084.292
15302	itr: 192360
15303	training loss: 3502.9238
15304	itr: 192370
15305	training loss: 4338.287
15306	itr: 192380
15307	training loss: 2828.4514
15308	itr: 192390
15309	training loss: 3836.7043
15310	itr: 192400
15311	training loss: 2691.8696
15312	itr: 192410
15313	training loss: 2508.067
15314	itr: 192420
15315	training loss: 4342.1484
15316	itr: 192430
15317	training loss: 2081.4338
15318	itr: 192440
	training loss: 1453.6189
15320	
	training loss: 2151.686
	itr: 192460
	training loss: 3924.2231 itr: 192470
	training loss: 3005.206
	itr: 192480
	training loss: 2016.1099
	itr: 192490
	training loss: 2254.2244
15330	itr: 192500
15331	training loss: 4884.9727
10001	trariii iig 1055. 1001. 7727

```
File - interval_pred10_goontrain
15332 itr: 192510
15333 training loss: 5748.1157
15334 itr: 192520
15335 training loss: 3707.1597
15336 itr: 192530
15337 training loss: 1446.5559
15338 itr: 192540
15339 training loss: 4786.2686
15340 itr: 192550
15341 training loss: 5500.565
15342 itr: 1925<u>60</u>
15343 training loss: 3759.3904
15344 itr: 192570
15345 training loss: 4615.903
15346 itr: 192580
15347 training loss: 2198.9563
15348 itr: 192590
15349 training loss: 5792.9873
15350 itr: 192600
15351 training loss: 2763.5974
15352 itr: 192610
15353 training loss: 4809.873
15354 itr: 192620
15355 training loss: 4793.541
15356 itr: 192630
15357 training loss: 5233.041
15358 itr: 192640
15359 training loss: 1092.9033
15360 itr: 192650
15361 training loss: 4355.116
15362 itr: 192660
15363 training loss: 4023.6748
15364 itr: 192670
15365 training loss: 2253.8242
15366 itr: 192680
15367 training loss: 4460.0996
15368 itr: 192690
```

File - interv	al_pred10_goontrain
15369	training loss: 3008.208
15370	itr: 192700
15371	training loss: 600.51135
15372	itr: 192710
15373	training loss: 3636.269
15374	itr: 192720
15375	training loss: 3468.4736
15376	itr: 192730
15377	training loss: 5180.584
15378	itr: 192740
15379	training loss: 5839.8525
15380	itr: 192750
15381	training loss: 3611.8887
15382	itr: 192760
15383	training loss: 3797.3962
15384	itr: 192770
15385	training loss: 3462.149
15386	itr: 192780
15387	training loss: 3288.9485
15388	itr: 192790
15389	training loss: 4764.6396
15390	itr: 192800
15391	training loss: 3358.316
15392	itr: 192810
15393	<b>J</b>
15394	itr: 192820
15395	<u> </u>
15396	itr: 192830
15397	training loss: 4623.693
15398	itr: 192840
15399	training loss: 3090.702
15400	itr: 192850
15401	training loss: 3911.3037
15402	itr: 192860
15403	J
15404	itr: 192870
15405	training loss: 4275.85

al_pred10_goontrain
itr: 192880
training loss: 5540.537
itr: 192890
training loss: 3281.542
itr: 192900
training loss: 3671.5994
itr: 192910
training loss: 1739.8972
itr: 192920
training loss: 2402.0044
itr: 192930
training loss: 4557.932
itr: 192940
training loss: 4668.6104
itr: 192950
training loss: 5420.7485
itr: 192960
training loss: 3559.4326
itr: 192970
training loss: 3600.9539
itr: 192980
training loss: 3328.1274
itr: 192990
training loss: 3704.9856
itr: 193000
training loss: 4864.7676
itr: 193010
training loss: 2772.8
itr: 193020
training loss: 3039.5244
itr: 193030
training loss: 3136.1113
itr: 193040
training loss: 2830.3267
itr: 193050
training loss: 2701.1465
itr: 193060

File - interv	al_pred10_goontrain
15443	training loss: 5400.4756
15444	itr: 193070
15445	training loss: 4832.956
15446	itr: 193080
15447	training loss: 6893.459
15448	itr: 193090
15449	training loss: 748.95
15450	itr: 193100
15451	training loss: 1771.0253
15452	itr: 193110
15453	training loss: 2748.0867
15454	itr: 193120
15455	training loss: 4111.8223
15456	itr: 193130
15457	training loss: 3211.1138
15458	itr: 193140
15459	training loss: 1716.7732
15460	itr: 193150
15461	training loss: 2429.1514
15462	itr: 193160
	training loss: 5583.7397
15464	itr: 193170
15465	training loss: 5051.904
	itr: 193180
	training loss: 5574.3105
15468	
15469	5
15470	itr: 193200
15471	training loss: 2786.6682 itr: 193210
15472	
15473	itr: 193220
15474	training loss: 3126.7273
15476	itr: 193230
	training loss: 3395.65
15478	itr: 193240
15479	training loss: 2980.5596
10717	truring 1033. 2700.3370

```
File - interval_pred10_goontrain
15480 itr: 193250
15481 training loss: 5500.277
15482 itr: 193260
15483 training loss: 4155.4644
15484 itr: 193270
15485 training loss: 4584.1406
15486 itr: 193280
15487 training loss: 4040.246
15488 itr: 193290
15489 training loss: 3444.8518
15490 itr: 193300
15491 training loss: 3834.7478
15492 itr: 193310
15493 training loss: 6122.1113
15494 itr: 193320
15495 training loss: 4533.074
15496 itr: 193330
15497 training loss: 5938.8965
15498 itr: 193340
15499 training loss: 2580.138
15500 itr: 193350
15501 training loss: 3083.9944
15502 itr: 193360
15503 training loss: 3815.6694
15504 itr: 193370
15505 training loss: 2342.7334
15506 itr: 193380
15507 training loss: 1929.1671
15508 itr: 193390
15509 training loss: 3886.3643
15510 itr: 193400
15511 training loss: 5617.9805
15512 itr: 193410
15513 training loss: 3616.4346
15514 itr: 193420
15515 training loss: 2830.8716
15516 itr: 193430
```

File - interv	al_pred10_goontrain
15517	training loss: 3357.2664
15518	itr: 193440
15519	training Loss: 3395.0012
15520	itr: 193450
15521	training loss: 3564.6907
15522	itr: 193460
15523	training loss: 797.7059
15524	itr: 193470
15525	J 1 11 11 11 11 11 11 11 11 11 11 11 11
15526	itr: 193480
15527	training loss: 1938.87
15528	itr: 193490
15529	training loss: 4360.075
15530	itr: 193500
15531	training loss: 4940.738
15532	itr: 193510
	training loss: 5008.1685
15534	itr: 193520
15535	training loss: 3030.589
15536	itr: 193530
15537	training loss: 4511.8643
15538	itr: 193540
15539	training loss: 899.384
15540	itr: 193550
	training loss: 3098.962
15542	itr: 193560
15543	5
15544 15545	itr: 193570
15546	training loss: 3894.4556 itr: 193580
15547	
15548	training loss: 2443.0396 itr: 193590
15549	training loss: 4862.5894
15550	itr: 193600
15551	training loss: 4868.0176
15552	
15552	training loss: 3166.9346
10000	training 1033. 3100. 9340

```
File - interval_pred10_goontrain
15554 itr: 193620
15555 training loss: 3017.0513
15556 itr: 193630
15557 training loss: 3182.4824
15558 itr: 193640
15559 training loss: 3968.3015
15560 itr: 193650
15561 training loss: 5424.1943
15562 itr: 193660
15563 training loss: 3468.563
15564 itr: 193670
15565 training loss: 3496.1658
15566 itr: 193680
15567 training loss: 3409.0107
15568 itr: 193690
15569 training loss: 4975.757
15570 itr: 193700
15571 training loss: 4560.716
15572 itr: 193710
15573 training loss: 3218.2747
15574 itr: 193720
15575 training loss: 4877.8037
15576 itr: 193730
15577 training loss: 878.6046
15578 itr: 193740
15579 training loss: 3598.7708
15580 itr: 193750
15581 training loss: 5086.2095
15582 itr: 193760
15583 training loss: 1833.857
15584 itr: 193770
15585 training loss: 3227.0708
15586 itr: 193780
15587 training loss: 2169.3228
15588 itr: 193790
15589 training loss: 3637.765
15590 itr: 193800
```

File - interv	al_pred10_goontrain
15591	training loss: 5987.521
15592	itr: 193810
15593	training loss: 1547.8864
15594	itr: 193820
15595	training loss: 2843.4705
15596	itr: 193830
15597	training loss: 2375.7285
15598	itr: 193840
15599	training loss: 3223.3267
15600	itr: 193850
15601	training loss: 3726.7864
15602	itr: 193860
15603	training loss: 3882.0
15604	itr: 193870
15605	training loss: 6333.7227
15606	itr: 193880
15607	training loss: 5037.6216
15608	itr: 193890
15609	training loss: 2376.5176
15610	itr: 193900
15611	training loss: 2628.2227
15612	itr: 193910
15613	training loss: 4494.426
15614	itr: 193920
15615	training loss: 1629.8131
15616	itr: 193930
15617	training loss: 3125.2532
15618	itr: 193940
15619	training loss: 2475.0083
15620	itr: 193950
15621	training loss: 3721.3772
15622	itr: 193960
15623	training loss: 3077.6013
15624	itr: 193970
15625	J
15626	itr: 193980
15627	training loss: 3607.3218

```
File - interval_pred10_goontrain
15628 itr: 193990
15629 training loss: 2173.0312
15630 itr: 194000
15631 training loss: 4118.694
15632 itr: 194010
15633 training loss: 4106.0586
15634 itr: 194020
15635 training loss: 3711.4297
15636 itr: 194030
15637 training loss: 3934.648
15638 itr: 194040
15639 training loss: 3403.6406
15640 itr: 194050
15641 training loss: 1802.3911
15642 itr: 194060
15643 training loss: 4137.2627
15644 itr: 194070
15645 training loss: 3169.6438
15646 itr: 194080
15647 training loss: 4898.3003
15648 itr: 194090
15649 training loss: 5485.358
15650 itr: 194100
15651 training loss: 3042.335
15652 itr: 194110
15653 training loss: 4075.3162
15654 itr: 194120
15655 training loss: 1734.2314
15656 itr: 194130
15657 training loss: 4672.829
15658 itr: 194140
15659 training loss: 3039.443
15660 itr: 194150
15661 training loss: 4269.7876
15662 itr: 194160
15663 training loss: 4361.5273
15664 itr: 194170
```

15701 training loss: 4851.177

```
File - interval_pred10_goontrain
15702 itr: 194360
15703 training loss: 3568.122
15704 itr: 194370
15705 training loss: 1003.96246
15706 itr: 194380
15707 training loss: 5138.257
15708 itr: 194390
15709 training loss: 3304.5444
15710 itr: 194400
15711 training loss: 5403.279
15712 itr: 194410
15713 training loss: 3761.6965
15714 itr: 194420
15715 training loss: 3584.046
15716 itr: 194430
15717 training loss: 4166.648
15718 itr: 194440
15719 training loss: 5075.157
15720 itr: 194450
15721 training loss: 3158.186
15722 itr: 194460
15723 training loss: 6362.2173
15724 itr: 194470
15725 training loss: 1186.4775
15726 itr: 194480
15727 training loss: 1720.3114
15728 itr: 194490
15729 training loss: 3737.474
15730 itr: 194500
15731 training loss: 3490.8005
15732 itr: 194510
15733 training loss: 4830.829
15734 itr: 194520
15735 training loss: 4067.4878
15736 itr: 194530
15737 training loss: 4706.957
15738 itr: 194540
```

15775 training loss: 3017.388

```
File - interval_pred10_goontrain
15776 itr: 194730
15777 training loss: 3693.4514
15778 itr: 194740
15779 training loss: 2622.4385
15780 itr: 194750
15781 training loss: 2232.622
15782 itr: 194760
15783 training loss: 2607.1267
15784 itr: 194770
15785 training loss: 3606.6968
15786 itr: 194780
15787 training loss: 2604.1023
15788 itr: 194790
15789 training loss: 3669.4138
15790 itr: 194800
15791 training loss: 2918.8633
15792 itr: 194810
15793 training loss: 2381.4656
15794 itr: 194820
15795 training loss: 3708.212
15796 itr: 194830
15797 training loss: 3115.732
15798 itr: 194840
15799 training loss: 4032.004
15800 itr: 194850
15801 training loss: 2049.9624
15802 itr: 194860
15803 training loss: 3090.6184
15804 itr: 194870
15805 training loss: 4110.3955
15806 itr: 194880
15807 training loss: 3237.076
15808 itr: 194890
15809 training loss: 3247.6997
15810 itr: 194900
15811 training loss: 3936.3564
15812 itr: 194910
```

```
File - interval_pred10_goontrain
15813 training loss: 3786.0352
15814 itr: 194920
15815 training loss: 2394.384
15816 itr: 194930
15817 training loss: 2528.2068
15818 itr: 194940
15819 training loss: 4985.866
15820 itr: 194950
15821 training loss: 5549.7383
15822 itr: 194960
15823 training loss: 3970.9468
15824 itr: 194970
15825 training loss: 4336.3022
15826 itr: 194980
15827 training loss: 1122.1588
15828 itr: 194990
15829 training loss: 4391.978
15830 itr: 195000
15831 training loss: 5496.6216
15832 test...
15833 mse per seq: 9001.843249992087
15834 601. 4178719697176
15835 692. 4179263644749
15836 770. 9804681848597
15837 821. 1380592628761
15838 896. 3738548843949
15839 1001. 0333287274397
15840 1019. 9066660139296
15841 1041. 302990383572
15842 1059. 6359837849934
15843 1097. 6361004158302
15844 psnr per frame: 17.366587
15845 18.806831
15846 18. 244524
15847 17. 90815
15848 17.668154
15849 17. 396183
```

```
File - interval_pred10_goontrain
15850 16.864904
15851 16. 790657
15852 16.702652
15853 16.66934
15854 16.614473
15855 fmae per frame: 1795.5146
15856 1409.0007
15857 1536.8773
15858 1649. 4182
15859 1717.0718
15860 1806. 9069
15861 1930. 5757
15862 1950.0139
15863 1969. 4049
15864 1979.0999
15865 2006.7775
15866 ssim per frame: 0.79294485
15867 0.82409644
15868 0.8126177
15869 0.8046964
15870 0.7988436
15871 0.7936214
15872 0.7816814
15873 0.7800725
15874 0.7785819
15875 0.77734375
15876 0.7778934
15877 sharpness per frame: 254.89536
15878 255.0
15879 255.0
15880 254.97685
15881 254.8287
15882 254.77777
15883 255.0
15884 255.0
15885 254. 91203
15886 254.76852
```

```
File - interval_pred10_goontrain
15887 254.68982
15888 saved to checkpoints/radar_predrnn_pp
15889 itr: 195010
15890 training loss: 4782.5537
15891 itr: 195020
15892 training loss: 3623.1858
15893 itr: 195030
15894 training loss: 2349.8286
15895 itr: 195040
15896 training loss: 3322.5757
15897 itr: 195050
15898 training loss: 4377.3823
15899 itr: 195060
15900 training loss: 6637.7295
15901 itr: 195070
15902 training loss: 3509.0676
15903 itr: 195080
15904 training loss: 3360.208
15905 itr: 195090
15906 training loss: 2839.1829
15907 itr: 195100
15908 training loss: 3260.9705
15909 itr: 195110
15910 training loss: 2683.3447
15911 itr: 195120
15912 training loss: 5885.128
15913 itr: 195130
15914 training loss: 2662.328
15915 itr: 195140
15916 training loss: 3611.3662
15917 itr: 195150
15918 training loss: 4414.0024
15919 itr: 195160
15920 training loss: 1301.2693
15921 itr: 195170
15922 training loss: 5015.4346
15923 itr: 195180
```

File - interv	al_pred10_goontrain
15924	training loss: 1204.5488
15925	itr: 195190
15926	training loss: 3008.3315
15927	itr: 195200
15928	training loss: 5552.6826
15929	itr: 195210
15930	training loss: 4154.717
15931	itr: 195220
15932	training loss: 5585.065
15933	itr: 195230
15934	training loss: 1326.295
15935	itr: 195240
15936	training loss: 3822.4036
15937	itr: 195250
15938	training loss: 3228.493
15939	itr: 195260
15940	training loss: 4776.623
15941	itr: 195270
15942	training loss: 4592.7773
15943	itr: 195280
15944	training loss: 3246.8896
15945	itr: 195290
15946	training loss: 3757.4688
15947	itr: 195300
15948	training loss: 1797.109
15949	itr: 195310
15950	training loss: 2676.1514
15951	itr: 195320
15952	training loss: 4373.514
15953	itr: 195330
15954	training loss: 3111.068
15955	itr: 195340
15956	training loss: 1512.4496
15957	itr: 195350
15958	training Loss: 4756.1353
15959	itr: 195360
15960	training loss: 4273.326

```
File - interval_pred10_goontrain
15961 itr: 195370
15962 training loss: 5878.105
15963 itr: 195380
15964 training loss: 3576.1052
15965 itr: 195390
15966 training loss: 1374.1399
15967 itr: 195400
15968 training loss: 3993.3032
15969 itr: 195410
15970 training loss: 2321.8203
15971 itr: 195420
15972 training loss: 2375.6118
15973 itr: 195430
15974 training loss: 3702.753
15975 itr: 195440
15976 training loss: 2923.006
15977 itr: 195450
15978 training loss: 4030.9463
15979 itr: 195460
15980 training loss: 1376.343
15981 itr: 195470
15982 training loss: 2082.7334
15983 itr: 195480
15984 training loss: 1965.7344
15985 itr: 195490
15986 training loss: 2368.6394
15987 itr: 195500
15988 training loss: 6460.8022
15989 itr: 195510
15990 training loss: 2849.3713
15991 itr: 195520
15992 training loss: 2204.333
15993 itr: 195530
15994 training loss: 2488.9155
15995 itr: 195540
15996 training loss: 3988.5193
15997 itr: 195550
```

File - interv	al_pred10_goontrain
15998	training loss: 3245.705
15999	itr: 195560
16000	training loss: 4703.4414
16001	itr: 195570
16002	training Loss: 4620.2188
16003	itr: 195580
16004	training Loss: 4188.0283
16005	itr: 195590
16006	training Loss: 4172.3813
16007	itr: 195600
16008	training loss: 4905.674
16009	itr: 195610
16010	training loss: 2742.4158
16011	itr: 195620
16012	training loss: 2540.8672
16013	itr: 195630
16014	training loss: 4650.3003
16015	itr: 195640
16016	training loss: 2834.6492
16017	itr: 195650
16018	training loss: 3574.4421
16019	itr: 195660
16020	training loss: 3783.3276
16021	itr: 195670
	training loss: 4085.7197
16023	
16024	5
16025	itr: 195690
16026	training loss: 2238.5444
	itr: 195700
16028	5
16029	itr: 195710
16030	training loss: 4833.897
16031	itr: 195720
	training loss: 616.17664
	itr: 195730
16034	training loss: 2610.2747

```
File - interval_pred10_goontrain
16035 itr: 195740
16036 training loss: 2814.0923
16037 itr: 195750
16038 training loss: 1556.4084
16039 itr: 195760
16040 training loss: 2563.223
16041 itr: 195770
16042 training loss: 3025.4316
16043 itr: 195780
16044 training loss: 4717.695
16045 itr: 195790
16046 training loss: 3417.1235
16047 itr: 195800
16048 training loss: 3792.913
16049 itr: 195810
16050 training loss: 2108.8594
16051 itr: 195820
16052 training loss: 2553.5476
16053 itr: 195830
16054 training loss: 3385.9814
16055 itr: 195840
16056 training loss: 2174.6963
16057 itr: 195850
16058 training loss: 4286.2446
16059 itr: 195860
16060 training loss: 3192.6582
16061 itr: 195870
16062 training loss: 2779.201
16063 itr: 195880
16064 training loss: 5174.9365
16065 itr: 195890
16066 training loss: 3765.1824
16067 itr: 195900
16068 training loss: 2803.2063
16069 itr: 195910
16070 training loss: 1641.6223
16071 itr: 195920
```

16108 training loss: 2528.39

File - interv	al_pred10_goontrain
16109	itr: 196110
16110	training loss: 2284.3892
16111	itr: 196120
16112	training loss: 1502.5782
16113	itr: 196130
16114	training loss: 2859.2764
16115	itr: 196140
16116	training loss: 3410.693
16117	itr: 196150
16118	training loss: 4714.7935
16119	itr: 196160
16120	training loss: 2881.978
16121	itr: 196170
16122	training loss: 5416.8086
16123	itr: 196180
16124	training loss: 2761.3694
16125	itr: 196190
16126	training loss: 3653.4492
16127	itr: 196200
16128	training loss: 3463.149
16129	itr: 196210
16130	training loss: 2544.0752
16131	itr: 196220
16132	training loss: 1907.863
16133	itr: 196230
16134	training loss: 4318.9175
16135	itr: 196240
16136	training loss: 3710.6353
16137	itr: 196250
16138	training loss: 4554.9185
16139	itr: 196260
16140	training loss: 1431.3787
16141	itr: 196270
16142	training loss: 3922.0632
16143	itr: 196280
16144	training loss: 3650.0913
16145	itr: 196290

```
File - interval_pred10_goontrain
16183 itr: 196480
16184 training loss: 2172.8367
16185 itr: 196490
16186 training loss: 4068.2434
16187 itr: 196500
16188 training loss: 2318.913
16189 itr: 196510
16190 training loss: 3654.561
16191 itr: 196520
16192 training loss: 1984.2164
16193 itr: 196530
16194 training loss: 4588.8774
16195 itr: 196540
16196 training loss: 3736.415
16197 itr: 196550
16198 training loss: 3209.503
16199 itr: 196560
16200 training loss: 1480.5837
16201 itr: 196570
16202 training loss: 2605.2253
16203 itr: 196580
16204 training loss: 2922.2976
16205 itr: 196590
16206 training loss: 5726.442
16207 itr: 196600
16208 training loss: 4575.212
16209 itr: 196610
16210 training loss: 2966.8113
16211 itr: 196620
16212 training loss: 2759.0132
16213 itr: 196630
16214 training loss: 3453.9048
16215 itr: 196640
16216 training loss: 3437.7295
16217 itr: 196650
16218 training loss: 2575.7937
16219 itr: 196660
```

File - interv	al_pred10_goontrain
16220	training loss: 5014.099
16221	itr: 196670
16222	training loss: 1249.238
16223	itr: 196680
16224	training Loss: 2125.1897
16225	itr: 196690
16226	training Loss: 3002.8132
16227	itr: 196700
16228	training loss: 4446.457
16229	itr: 196710
16230	training Loss: 3057.7515
16231	itr: 196720
16232	training Loss: 1243.5514
16233	itr: 196730
16234	training loss: 4172.9404
16235	itr: 196740
16236	training loss: 3724.767
16237	itr: 196750
16238	training Loss: 2959.3606
16239	itr: 196760
16240	training Loss: 2888.6538
16241	itr: 196770
16242	training loss: 2809.5444
16243	itr: 196780
16244	training Loss: 2891.3923
16245	itr: 196790
16246	training Loss: 2984.7312
16247	itr: 196800
16248	training Loss: 3708.4365
16249	itr: 196810
16250	training loss: 5640.6304
16251	itr: 196820
16252	training loss: 2993.3186
16253	itr: 196830
16254	training loss: 3741.3557
16255	itr: 196840

16256 training loss: 2620.4868

```
File - interval_pred10_goontrain
16257 itr: 196850
16258 training loss: 4700.2134
16259 itr: 196860
16260 training loss: 3654.903
16261 itr: 196870
16262 training loss: 6285.4873
16263 itr: 196880
16264 training loss: 5691.026
16265 itr: 196890
16266 training loss: 4507.304
16267 itr: 196900
16268 training loss: 2845.4707
16269 itr: 196910
16270 training loss: 3515.0227
16271 itr: 196920
16272 training loss: 5005.7144
16273 itr: 196930
16274 training loss: 2253.6943
16275 itr: 196940
16276 training loss: 3651.818
16277 itr: 196950
16278 training loss: 4466.8833
16279 itr: 196960
16280 training loss: 3590.0942
16281 itr: 196970
16282 training loss: 3737.596
16283 itr: 196980
16284 training loss: 5504.3564
16285 itr: 196990
16286 training loss: 6489.074
16287 itr: 197000
16288 training loss: 3648.4836
16289 itr: 197010
16290 training loss: 5307.7573
16291 itr: 197020
16292 training loss: 4426.764
16293 itr: 197030
```

File - interv	al_pred10_goontrain
16294	training loss: 5865.775
16295	itr: 197040
16296	training loss: 3412.4958
16297	itr: 197050
16298	training loss: 4869.2285
16299	itr: 197060
16300	training loss: 4171.1323
16301	itr: 197070
16302	training loss: 4533.2944
16303	itr: 197080
16304	training loss: 2387.2122
16305	itr: 197090
16306	training loss: 5279.1504
16307	itr: 197100
16308	training loss: 1878.6053
16309	itr: 197110
16310	training loss: 5046.892
16311	itr: 197120
16312	training loss: 3558.213
16313	itr: 197130
16314	training loss: 2479.2627
16315	itr: 197140
16316	training loss: 5618.9043
16317	itr: 197150
16318	training loss: 2421.002
16319	itr: 197160
16320	training loss: 3463.962
16321	itr: 197170
16322	training loss: 3167.0244
16323	itr: 197180
16324	training loss: 3586.0513
16325	itr: 197190
16326	training loss: 7118.746
16327	itr: 197200
16328	training loss: 3562.408
16329	itr: 197210
16330	training loss: 6180.986

```
File - interval_pred10_goontrain
16331 itr: 197220
16332 training loss: 3689.5508
16333 itr: 197230
16334 training loss: 3528.6655
16335 itr: 197240
16336 training loss: 3283.7397
16337 itr: 197250
16338 training loss: 4342.7344
16339 itr: 197260
16340 training loss: 2506.0125
16341 itr: 197270
16342 training loss: 1892.2242
16343 itr: 197280
16344 training loss: 2815.7634
16345 itr: 197290
16346 training loss: 2525.7598
16347 itr: 197300
16348 training loss: 3921.575
16349 itr: 197310
16350 training loss: 2427.9204
16351 itr: 197320
16352 training loss: 1908.3481
16353 itr: 197330
16354 training loss: 5429.16
16355 itr: 197340
16356 training loss: 3678.386
16357 itr: 197350
16358 training loss: 2088.117
16359 itr: 197360
16360 training loss: 2748.2246
16361 itr: 197370
16362 training loss: 3065.559
16363 itr: 197380
16364 training loss: 4282.521
16365 itr: 197390
16366 training loss: 3962.0159
16367 itr: 197400
```

/al_pred10_goontrain
itr: 197590
training loss: 2776.0266
itr: 197600
training loss: 2988.1133
itr: 197610
training loss: 5042.7705
itr: 197620
training loss: 4973.0854
itr: 197630
training loss: 4093.1655
itr: 197640
training loss: 2042.2845
itr: 197650
training loss: 3442.2678
itr: 197660
training loss: 5746.0986
itr: 197670
training loss: 2829.9194
itr: 197680
training loss: 1805.2762
itr: 197690
training loss: 4759.2793
itr: 197700
training loss: 1554.8344
itr: 197710
training loss: 2063.6042
itr: 197720
training loss: 2605.7234
itr: 197730
training loss: 3712.083
itr: 197740
training loss: 2447.8062
itr: 197750
training loss: 3310.989
itr: 197760
training loss: 2622.9316
itr: 197770

```
File - interval_pred10_goontrain
16479 itr: 1979<u>60</u>
16480 training loss: 5368.076
16481 itr: 197970
16482 training loss: 2428.7502
16483 itr: 197980
16484 training loss: 1777.5593
16485 itr: 197990
16486 training loss: 3825.886
16487 itr: 198000
16488 training loss: 2244.3738
16489 itr: 198010
16490 training loss: 4795.091
16491 itr: 198020
16492 training loss: 1760.3269
16493 itr: 198030
16494 training loss: 2383.9106
16495 itr: 198040
16496 training loss: 5130.3994
16497 itr: 198050
16498 training loss: 3200.715
16499 itr: 198060
16500 training loss: 4298.2983
16501 itr: 198070
16502 training loss: 2887.1333
16503 itr: 198080
16504 training loss: 3425.7764
16505 itr: 198090
16506 training loss: 3169.8203
16507 itr: 198100
16508 training loss: 3633.433
16509 itr: 198110
16510 training loss: 3988.6536
16511 itr: 198120
16512 training loss: 2472.1282
16513 itr: 198130
16514 training loss: 4458.5234
16515 itr: 198140
```

File - interv	al_pred10_goontrain
16516	training Loss: 3188.9688
16517	itr: 198150
16518	training loss: 2828.422
16519	itr: 198160
16520	training loss: 3420.5537
16521	itr: 198170
16522	training loss: 5163.13
16523	itr: 198180
16524	training loss: 3233.4453
16525	itr: 198190
16526	training loss: 3124.5952
16527	itr: 198200
16528	training loss: 2379.2383
16529	itr: 198210
16530	training loss: 3216.2922
16531	itr: 198220
16532	training loss: 2370.063
16533	itr: 198230
16534	training loss: 3559.746
16535	itr: 198240
16536	training loss: 2084.882
16537	itr: 198250
16538	training loss: 4226.4287
16539	itr: 198260
	training loss: 4316.355
16541	itr: 198270
16542	J 1 11111
16543	itr: 198280
16544	5
16545	itr: 198290
16546	training loss: 4305.061
16547	itr: 198300
16548	training loss: 1826.7009
16549	itr: 198310
16550	J
16551	itr: 198320
16552	training loss: 2239.0105

```
File - interval_pred10_goontrain
16553 itr: 198330
16554 training loss: 4699.045
16555 itr: 198340
16556 training loss: 3771.1343
16557 itr: 198350
16558 training loss: 3981.2346
16559 itr: 198360
16560 training loss: 4130.27
16561 itr: 198370
16562 training loss: 3472.2722
16563 itr: 198380
16564 training loss: 4191.6465
16565 itr: 198390
16566 training loss: 1712.0856
16567 itr: 198400
16568 training loss: 4507.765
16569 itr: 198410
16570 training loss: 3689.348
16571 itr: 198420
16572 training loss: 3948.3157
16573 itr: 198430
16574 training loss: 1149.1268
16575 itr: 198440
16576 training loss: 3531.4592
16577 itr: 198450
16578 training loss: 3762.2686
16579 itr: 198460
16580 training loss: 5237.8276
16581 itr: 198470
16582 training loss: 1816.2512
16583 itr: 198480
16584 training loss: 2875.6443
16585 itr: 198490
16586 training loss: 3435.258
16587 itr: 198500
16588 training loss: 1852.8933
16589 itr: 198510
```

File - interva	al_pred10_goontrain
16590	training loss: 3952.7493
16591	itr: 198520
16592	training loss: 3236.1367
16593	itr: 198530
16594	training loss: 2174.9048
16595	itr: 198540
16596	training loss: 4866.8555
16597	itr: 198550
16598	training loss: 4858.1914
16599	itr: 198560
16600	training loss: 2069.8694
16601	itr: 198570
16602	training loss: 2736.2622
16603	itr: 198580
16604	training loss: 3603.3071
16605	itr: 198590
16606	training loss: 3667.7317
16607	itr: 198600
16608	training loss: 4197.8247
16609	itr: 198610
16610	training loss: 3384.497
16611	itr: 198620 training loss: 2836.1868
16612 16613	training loss: 2836.1868 itr: 198630
16615	training loss: 3910.7144 itr: 198640
16616	training loss: 2066.1367
16617	itr: 198650
16618	training loss: 3058.9233
16619	itr: 198660
16620	training loss: 2469.5867
	itr: 198670
	training loss: 975.1642
	itr: 198680
	training loss: 4698.161
16625	itr: 198690
16626	training loss: 4719.496

File - interv	al_pred10_goontrain
16627	itr: 198700
16628	training loss: 3812.7688
16629	itr: 198710
16630	training loss: 2689.9265
16631	itr: 198720
16632	training loss: 3565.2585
16633	itr: 198730
16634	training loss: 3425.2417
16635	itr: 198740
16636	training loss: 2970.5107
16637	itr: 198750
16638	training loss: 4326.6494
16639	itr: 198760
16640	training loss: 6487.027
16641	itr: 198770
16642	training loss: 1199.0979
16643	itr: 198780
16644	training loss: 3890.6274
16645	itr: 198790
16646	training loss: 3527.5337
16647	itr: 198800
16648	training loss: 3590.228
16649	itr: 198810
16650	training loss: 2947.5435
16651	itr: 198820
16652	training loss: 4083.423
16653	itr: 198830
16654	training loss: 4784.2305
16655	itr: 198840
16656	training loss: 1939.0365
16657	itr: 198850
16658	training loss: 2456.4827
16659	itr: 198860
16660	training lo <mark>ss: 2234.9434</mark>
16661	itr: 198870
16662	training lo <mark>ss: 2073.7954</mark>
16663	itr: 198880

File - interv	al_pred10_goontrain
16664	training loss: 4569.4766
16665	itr: 198890
16666	training Loss: 3096.7039
16667	itr: 198900
16668	training loss: 1576.4491
16669	itr: 198910
16670	training Loss: 5401.1943
16671	itr: 198920
16672	training loss: 3479.0762
16673	itr: 198930
16674	training loss: 3677.952
16675	itr: 198940
16676	training loss: 1308.9628
16677	itr: 198950
16678	training loss: 2149.6377
16679	itr: 198960
16680	training loss: 2812.4702
16681	itr: 198970
16682	training loss: 3616.026
16683	itr: 198980
16684	training loss: 2940.6013
16685	itr: 198990
16686	training loss: 3416.2034
16687	itr: 199000
	training loss: 2226.2266
16689	itr: 199010
16690	3
16691 16692	itr: 199020 training loss: 1055 7244
	training loss: 1955.7264 itr: 199030
16694	
16695	training loss: 3453.8333 itr: 199040
16696	training loss: 3194.579
16697	itr: 199050
	training loss: 3653.774
16699	itr: 199060
16700	training loss: 2366.1746
10700	training 1033. 2300. 1740

File - interv	al_pred10_goontrain
16701	itr: 199070
16702	training loss: 5759.4746
16703	itr: 199080
16704	training loss: 3500.4458
16705	itr: 199090
16706	training loss: 4398.1655
16707	itr: 199100
16708	training loss: 1670.752
16709	itr: 199110
16710	training loss: 4484.641
16711	itr: 199120
16712	training loss: 2652.1072
16713	itr: 199130
16714	training loss: 3819.9058
16715	itr: 199140
16716	training loss: 3069.9163
16717	itr: 199150
16718	training loss: 1184.2556
16719	itr: 199160
16720	training loss: 3840.3208
16721	itr: 199170
16722	training loss: 5259.4717
16723	itr: 199180
16724	training loss: 3242.2236
16725	itr: 199190
16726	training loss: 1269.5077
16727	itr: 199200
16728	training loss: 3642.761
16729	itr: 199210
16730	training loss: 2040.7543
16731	itr: 199220
16732	training loss: 3358.1042
16733	itr: 199230
16734	training loss: 2504.4062
16735	itr: 199240
16736	training loss: 3961.1094
16737	itr: 199250

```
File - interval_pred10_goontrain
16775 itr: 199440
16776 training loss: 3164.3723
16777 itr: 199450
16778 training loss: 3006.6497
16779 itr: 199460
16780 training loss: 2692.9268
16781 itr: 199470
16782 training loss: 3220.9497
16783 itr: 199480
16784 training loss: 3376.6
16785 itr: 199490
16786 training loss: 3061.6492
16787 itr: 199500
16788 training loss: 1641.9854
16789 itr: 199510
16790 training loss: 3570.0164
16791 itr: 199520
16792 training loss: 3078.3389
16793 itr: 199530
16794 training loss: 5243.526
16795 itr: 199540
16796 training loss: 6127.0225
16797 itr: 199550
16798 training loss: 3966.9536
16799 itr: 199560
16800 training loss: 4290.2197
16801 itr: 199570
16802 training loss: 6493.4673
16803 itr: 199580
16804 training loss: 3472.5374
16805 itr: 199590
16806 training loss: 2697.142
16807 itr: 199600
16808 training loss: 1912.163
16809 itr: 199610
16810 training loss: 3136.674
16811 itr: 199620
```

File - interv	al_pred10_goontrain
16812	training loss: 3335.2288
16813	itr: 199630
16814	training loss: 1688.0903
16815	itr: 199640
16816	training loss: 3685.3652
16817	itr: 199650
16818	training loss: 3077.0994
16819	itr: 199660
16820	training loss: 2694.145
16821	itr: 199670
16822	training loss: 5248.4854
16823	itr: 199680
16824	training loss: 3379.3027
16825	itr: 199690
16826	training loss: 3842.3337
16827	itr: 199700
16828	training loss: 3436.2993
16829	itr: 199710
16830	training loss: 2427.1252
16831	itr: 199720
16832	training loss: 1962.0352
16833	itr: 199730
16834	training loss: 6551.132
16835	itr: 199740
	training loss: 2375.364
16837	itr: 199750
16838	J
16839	itr: 199760
16840	J 1
16841	itr: 199770
16842	training loss: 3600.4873
16843	itr: 199780 training loss: 2201 2225
16845	training loss: 3301.3335 itr: 199790
16845	
16847	training loss: 993.50665 itr: 199800
16848	
10040	training loss: 2416.365

```
File - interval_pred10_goontrain
16849 itr: 199810
16850 training loss: 2686.4924
16851 itr: 199820
16852 training loss: 1871.8976
16853 itr: 199830
16854 training loss: 4011.5928
16855 itr: 199840
16856 training loss: 3478.8655
16857 itr: 199850
16858 training loss: 3357.688
16859 itr: 199860
16860 training loss: 2880.9082
16861 itr: 199870
16862 training loss: 3931.5347
16863 itr: 199880
16864 training loss: 5817.32
16865 itr: 199890
16866 training loss: 2950.315
16867 itr: 199900
16868 training loss: 5670.37
16869 itr: 199910
16870 training loss: 2791.955
16871 itr: 199920
16872 training loss: 4270.401
16873 itr: 199930
16874 training loss: 4085.3818
16875 itr: 199940
16876 training loss: 4341.9946
16877 itr: 199950
16878 training loss: 4735.576
16879 itr: 199960
16880 training loss: 1592.9869
16881 itr: 199970
16882 training loss: 2365.7478
16883 itr: 199980
16884 training loss: 3598.7808
16885 itr: 199990
```

```
File - interval_pred10_goontrain
16886 training loss: 4905.9556
16887 itr: 200000
16888 training loss: 6063.3457
16889 test...
16890 mse per seq: 9356.196477678088
16891 607. 019352806939
16892 702. 1741858588325
16893 782. 251006797508
16894 837. 557568302861
16895 920.6465527569807
16896 1037.0798315825286
16897 1069. 231166910242
16898 1100. 2972227025914
16899 1127. 1049075656467
16900 1172.834682393957
16901 psnr per frame: 17.224148
16902 18.755749
16903 18.170376
16904 17.825794
16905 17.567556
16906 17. 278564
16907 16. 72495
16908 16.605145
16909 16.500595
16910 16.44706
16911 16. 365677
16912 fmae per frame: 1948.139
16913 1542.5033
16914 1671. 1508
16915 1783. 294
16916 1852. 3899
16917 1947. 2338
16918 2079.856
16919 2112. 1968
16920 2141.0173
16921 2157. 1514
16922 2194.597
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