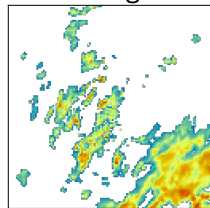


Radar Img

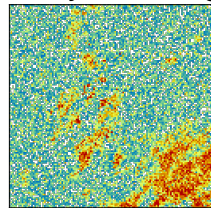


$128 \times 128 \times 1$

+ Noise



Noisy Radar Img



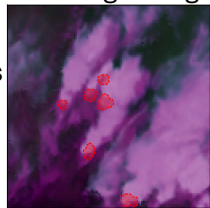
$128 \times 128 \times 1$

\mathbf{x}_t

Conditions




Sat & Lightning Img

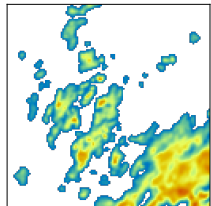


\mathbf{s}

$128 \times 128 \times 4$

$$\hat{\mathbf{x}}_t = [\mathbf{x}_t; \mathbf{s}]_c$$


Denoised Radar Img



$128 \times 128 \times 1$

$\mathbf{x}_0^{\text{pred}}(t)$

U-Net

f_θ

t_{sample}



Loss

