

# Scale of the Universe

ASTR 1220, Summer 2010

26 July 2010

13.7 Gly

## The Visible Universe

0



Slide from Mark Whittle's lecture notes.

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## The Visible Universe

0

MW galaxy = 20 m = class room



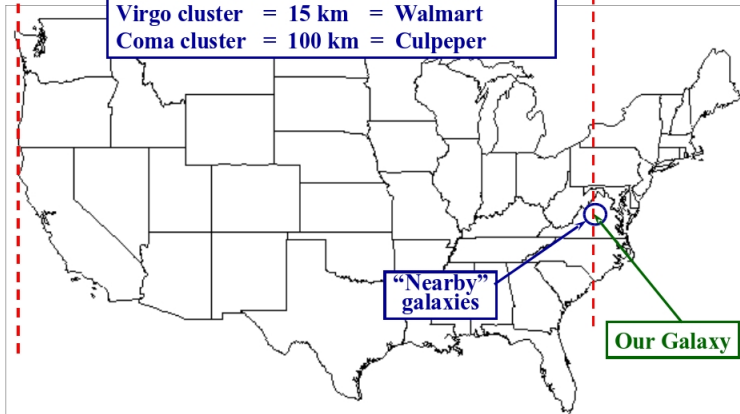
Our Galaxy

13.7 Gly

## The Visible Universe

0

<b>MW galaxy</b>	= 20 m	= class room
<b>Local group</b>	= 600 m	= central grounds
<b>Virgo cluster</b>	= 15 km	= Walmart
<b>Coma cluster</b>	= 100 km	= Culpeper

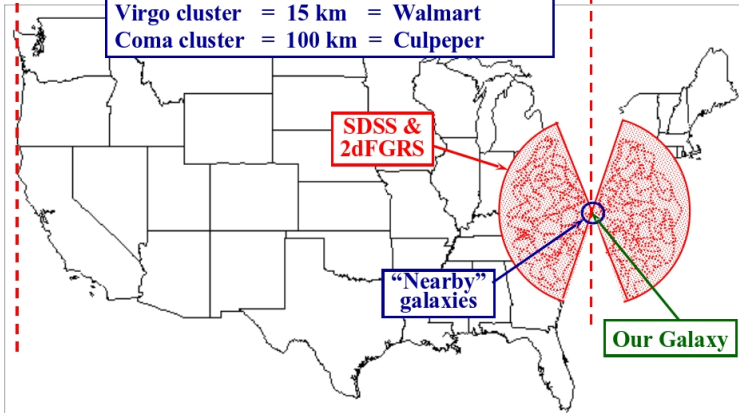


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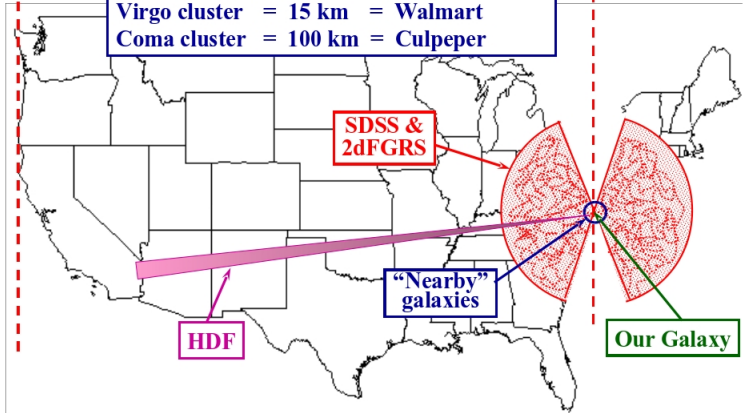


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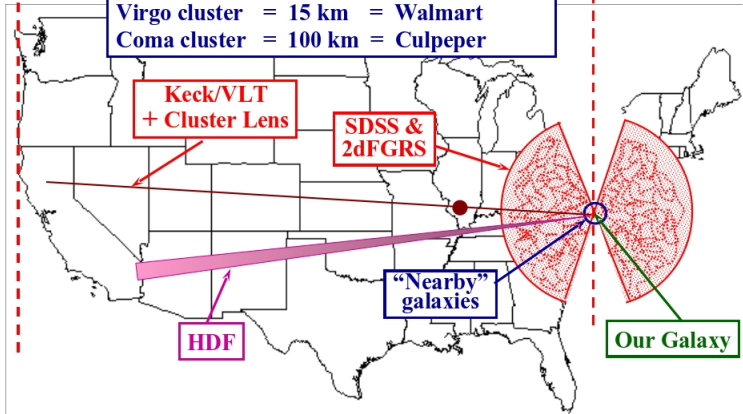


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Keck/VLT  
+ Cluster Lens

SDSS &  
2dFGRS

HDF

"Nearby"  
galaxies

Our Galaxy