

# Abell 2147

<b>IC 1165A</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy SA0- pec</b> PF,PS,OVAL,FLNUC,INTRACT=IC1165B,AGC2147,R=F
<b>IC 1165B</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy S?</b> PF,PS,OVAL,NND,INTRACT=IC1165A,AGC2147,R=F
<b>MAC 1601+1539</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,VS,PATCH,AV,AGC2147,R=P
<b>MAC 1601+1540</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,ES,PATCH,TOOK A WHILE FOR AV,AGC2147,R=P
<b>MAC 1601+1541</b> May 17 2009 31" May 14 2009 31"	<b>Her</b> 17mmT4 17mmT4	<b>Galaxy</b> VF,PS,EL,UB,NND,AGC2147,R=P VF,PS,EL,UB,NND,AGC 2147,R=P
<b>MAC 1601+1542</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,PS,PATCH,AV HOLDS,AGC2147,R=P
<b>MAC 1601+1545</b> May 17 2009 31" May 14 2009 31"	<b>Her</b> 17mmT4 17mmT4	<b>Galaxy</b> EF,VS,PATCH,AV ONLY ONCE,AGC2147,R=P EF,VS,EL,PATCH,AV COMES AND GOES,AGC 2147,R=P
<b>MAC 1601+1547</b> May 14 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> PF,PS,OVAL,BSNUC,AGC 2147,R=F
<b>MAC 1601+1549A</b> May 14 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> MF,MS,OVAL,BSNUC,AGC 2147,R=F
<b>MAC 1601+1549B</b> May 14 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> PF,PS,OVAL,BSNUC,AGC 2147,R=F
<b>MAC 1601+1550A</b> May 14 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,VS,PATCH,AV,AGC 2147,R=P
<b>MAC 1601+1550B</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,VS,PATCH,AV ONLY ONCE,AGC2147,R=P
<b>MAC 1601+1553</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,PS,PATCH,TOOK A WHILE WITH AV,AGC2147,R=P
<b>MAC 1601+1553A</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,VS,PATCH,AV TOOK A WHILE,COMES AND GOES,AGC2147,R=P
<b>MAC 1601+1556</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,PS,PATCH,AV TOOK A WHILE,AGC2147,R=P
<b>MAC 1601+1556A</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,VS,SUSP ONLY,LOC GOOD,BARRON AREA,AGC2147,R=P
<b>MAC 1601+1558</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> EF,VS,PATCH,NND,AGC2147,R=P
<b>MAC 1601+1600A</b> May 17 2009 31"	<b>Her</b> 17mmT4	<b>Galaxy</b> PF,MS,OVAL,FLNUC,AGC2147,R=F

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<b>MAC 1601+1600B</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EF,VS,SUSP,AGC2147,R=P
<b>MAC 1601+1604</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EF,VS,PATCH,SUSP,AGC2147,R=P
<b>MAC 1601+1605</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EF,VS,PATCH,TOOK A WHILE TO FIND WITH AV,AGC2147,R=P
<b>MAC 1601+1609</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	PF,PS,EL,FSNUC,AGC2147,R=P
<b>MAC 1601+1609A</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	PF,PS,PATCH,AGC2147,R=P
<b>MAC 1602+1540</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EF,ES,LOC GOOD,JUST OFF OF PGC56765,AGC2147,R=P
<b>MAC 1602+1545B</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	PF,PS,PATCH,UB,NND,AGC2147,R=P
<b>MAC 1602+1545C</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EF,VS,PATCH,AV COMES AND GOES,AGC2147,R=P
<b>MAC 1602+1550</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EF,ES,PATCH,AV COMES AND GOES,AGC2147,R=P
<b>MAC 1602+1551</b>	<b>Her</b>	<b>Galaxy</b>
May 14 2009 31"	17mmT4	PF,PS,OVAL,AV HOLDS,AGC 2147,R=P
Mar 29 2006 31"	17mmT4	EF,PS,PATCH,AV COMES AND GOES,* IN FOV MAKES OBS HARD,MANY COMP,R=P
<b>MAC 1602+1552</b>	<b>Her</b>	<b>Galaxy</b>
May 14 2009 31"	17mmT4	EF,VS,PATCH,AV A FEW TIMES THEN HOLDS,AGC 2147,R=P
Apr 26 2006 31"	17mmT4	EF,ES,PATCH,UB,NND,AV,PAIRS=MAC'S/PGC'S,R=P
<b>MAC 1602+1554</b>	<b>Her</b>	<b>Galaxy</b>
May 14 2009 31"	17mmT4	MF,MS,UB,ONE OF THE BEST MAC'S,MHISB,AGC 2147,R=F
Apr 26 2006 31"	17mmT4	MF,MS,R,FLNUC,ONE OF THE BETTER MAC'S,PAIRS=PGC'S,MAC'S,E FOV,R=F
Mar 29 2006 31"	17mmT4	MF,MS,OVAL,FLNUC,SHISB,MHISB CNTR,BEST MAC TODATE,COMP=MAC,MANY COMP,R=F
<b>MAC 1602+1555A</b>	<b>Her</b>	<b>Galaxy</b>
May 14 2009 31"	17mmT4	PF,VS,OVAL,BSNUC,VF* ON EDGE,AGC 2147,R=F
Apr 26 2006 31"	17mmT4	PF,VS,PATCH,UB,NND,F* OFF EDGE,SBM,PAIRS=PGC'S/MAC'S,E FOV OF GLXY,R=P
Mar 29 2006 31"	17mmT4	VF,PS,PATCH,UB,NND,COMP=MAC,F* ON EDGE OF GLXY,MANY COMP,E GRP,R=P
<b>MAC 1602+1555B</b>	<b>Her</b>	<b>Galaxy</b>
Apr 26 2006 31"	17mmT4	EF,VS,PATCH,UB,NND,PAIRS=MAC'S/PGC'S,R=P
<b>MAC 1602+1556</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	EFVS,PATCH,AV,AGC2147,R=P
<b>MAC 1602+1557</b>	<b>Her</b>	<b>Galaxy</b>
May 14 2009 31"	17mmT4	EF,PS,PATCH,AV COMES AND GOES,AGC 2147,R=P
Apr 26 2006 31"	17mmT4	EF,ES,PATCH,AV,SUSP,PAIRS=PGC'S/MAC,E FOV OF GLXYAXIES,R=P

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<b>MAC 1602+1559</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 PF,PS,PATCH,NND,AGC2147,R=P
<b>MAC 1602+1600</b> Apr 26 2006 31" Apr 26 2006 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 VDIF,EF,VS,PATCH,UB,NND,PAIRS=MAC'S/PGC'S,E FOV OF GLXYAXIES,R=P 17mmT4 VDIF,EF,VS,PATCH,UB,NND,PAIRS=MAC'S/PGC'S,E FOV OF GLXYAXIES,R=P
<b>MAC 1602+1601</b> May 18 2007 31" May 18 2007 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,NND,VF* OFF ONE SIDE,COMP=PGC56783,APPEAR AS ONE,SPLIT W/AV ONLY,R=P 17mmT4 EF,VS,PATCH,NND,VF* OFF ONE SIDE,COMP=PGC56783,APPEAR AS ONE,SPLIT W/AV ONLY,R=P
<b>MAC 1602+1604</b> Apr 26 2006 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,UB,NND,R=P
<b>MAC 1602+1605</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,AV COMES AND GOES,AGC2147,R=P
<b>MAC 1602+1607</b> Apr 26 2006 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 PF,MS,OVAL,FLNUC,ONE OF THE BTEST MAC'S,R=F
<b>MAC 1602+1611</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,AV TOOK A WHILE,AGC2147,R=P
<b>MAC 1603+1553</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,AV FIRST THEN HOLDS,AGC2147,R=P
<b>MAC 1603+1600</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,SUSP,AGC2147,R=P
<b>MAC 1603+1601</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,AV FIRST THEN HOLDS,AGC2147,R=P
<b>MAC 1603+1603</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 EF,VS,PATCH,AV ONLY A FEW TIMES,AGC2147,R=P
<b>MAC 1603+1605</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 PF,PS,OVAL,FSNUC,AGC2147,R=F
<b>MAC 1603+1607A</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy</b> 17mmT4 PF,PS,OVAL,NND,AGC2147,R=F
<b>PGC 56741</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy SAB(s)b</b> 17mmT4 EF,ES,NO FIND,LOC,GOOD,AGC2147,R=P
<b>PGC 56765</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy SA0- pec</b> 17mmT4 VF,VS,FSNUC,* OFF SIDE,INTRACT=MAC,AGC2147,R=P
<b>PGC 56770</b> May 14 2009 31" Apr 26 2006 31" Mar 29 2006 31"	<b>Her</b>	<b>Galaxy E3</b> 17mmT4 PF,PS,EL,PATCH,UB,NND,AGC 2147,R=P 17mmT4 PF,MS,EL,UB,NND,PAIRS=PGC'S/MAC'S,E FOV OF GLXYAXIES,R=F 17mmT4 PF,MS,EL,UB,NND,MANY COMP,E GRP,R=F
<b>PGC 56773</b> May 17 2009 31"	<b>Her</b>	<b>Galaxy S?</b> 17mmT4 EF,PS,PATCH,AV,AGC2147,R=P

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<b>PGC 56777</b>	<b>Her</b>	<b>Galaxy SAB(r)ab</b>
May 14 2009 31"	17mmT4	MF,PS,R,BLNUC,AGC 2147,R=F
Apr 26 2006 31"	17mmT4	MF,MS,R,FLNUC,PAIRS=PGC'S/MAC'S,E FOV OF GLXYAXIES,R=P
Mar 29 2006 31"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,MANY COMP,E GRP,R=F
<b>PGC 56781</b>	<b>Her</b>	<b>Galaxy L</b>
Apr 26 2006 31"	17mmT4	VF,PS,EL,UB,NND,R=F
Apr 26 2006 31"	17mmT4	VF,PS,EL,UB,NND,R=F
<b>PGC 56782</b>	<b>Her</b>	<b>Galaxy</b>
May 18 2007 31"	17mmT4	PF,VS,OVAL,PATCH,UB,NND,R=F
May 18 2007 31"	17mmT4	PF,VS,OVAL,PATCH,UB,NND,R=F
Apr 26 2006 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,PAIRS=PGC'S/MAC'S,E FOV OF GLXYAXIES,R=P
Apr 26 2006 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,PAIRS=PGC'S/MAC'S,E FOV OF GLXYAXIES,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=PGC56784/PGC56783,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=PGC56784/PGC56783,R=P
<b>PGC 56783</b>	<b>Her</b>	<b>Galaxy</b>
May 18 2007 31"	17mmT4	VF,VS,PATCH,NND,COMP=MAC,APPEAR AS ONE,CAN SPLIT WITH AV,R=P
May 18 2007 31"	17mmT4	VF,VS,PATCH,NND,COMP=MAC,APPEAR AS ONE,CAN SPLIT WITH AV,R=P
Apr 26 2006 31"	17mmT4	DIF,VF,PS,PATCH,UB,NND,PAIRS=MAC'S/PGC'S,E FOV OF GLXYAXIES,R=P
Apr 26 2006 31"	17mmT4	DIF,VF,PS,PATCH,UB,NND,PAIRS=MAC'S/PGC'S,E FOV OF GLXYAXIES,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=PGC56784/PGC56782,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=PGC56784/PGC56782,R=P
<b>PGC 56784</b>	<b>Her</b>	<b>Galaxy E+</b>
May 14 2009 31"	17mmT4	MF,MS,R,BLNUC,AGC 2147,R=F
May 18 2007 31"	17mmT4	MB,ML,OVAL,FLNUC,SHISB CNTR,R=G
Apr 26 2006 31"	17mmT4	MF,MS,R,FLNUC,SBM,PAIRS=PGC'S/MAC'S,E FOV OF GLXYAXIES,R=F
Mar 29 2006 31"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,MANY COMP,E GRP,R=G
<b>PGC 56813</b>	<b>Her</b>	<b>Galaxy (R)SAB0+</b>
May 17 2009 31"	17mmT4	VDIF,EF,PS,PATCH,CANNOT DETECT,LOC GOOD,VDIF,AGC2147,R=P
May 17 2009 31"	17mmT4	VDIF,EF,PS,PATCH,CANNOT DETECT,LOC GOOD,VDIF,AGC2147,R=P
<b>PGC 56830</b>	<b>Her</b>	<b>Galaxy C</b>
May 17 2009 31"	17mmT4	PF,PS,PATCH,NND,AGC2147,R=P
<b>PGC 56838</b>	<b>Her</b>	<b>Galaxy (R')SB(s)0/a</b>
May 17 2009 31"	17mmT4	MF,MS,OVAL,FLNUC,SHISB CNTR,AGC2147,R=F
<b>PGC 56848</b>	<b>Her</b>	<b>Galaxy SBR</b>
May 17 2009 31"	17mmT4	EF,PS,PATCH,NND,AV,AGC2147,R=P
<b>PGC 56880</b>	<b>Her</b>	<b>Galaxy</b>
May 17 2009 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,AGC2147,R=P